
Bulletin 605

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REPORT ON INSPECTION
COMMERCIAL FEEDING STUFFS
1956



H. J. Fisher
Chief Chemist

THE CONNECTICUT AGRICULTURAL EXPERIMENT
STATION, NEW HAVEN, CONNECTICUT

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COMMERCIAL FEEDING STUFFS

REPORT ON INSPECTION

1956

H. J. FISHER¹

THE FEED LAW

The statute relating to concentrated commercial feeding stuffs (Chapter 320, General Statutes, Revision of 1949) imposes upon the Station (1) all duties incidental to the annual registration of feeds offered for sale in the State; (2) the collection of samples for inspection and analysis; (3) the examination of all samples so collected; (4) the preparation and publication of a bulletin summarizing the results of inspection and giving other pertinent information; and (5) joint responsibility with the Food and Drug Commissioner for rules and regulations carrying out the provisions of the law.

The enforcement provisions of the statute are delegated to the Food and Drug Commissioner.

The following regulations were issued by the Director of this Station and the Food and Drug Commissioner in February, 1949:

REGULATIONS

REGULATION 1. FEEDS NOT CLASSIFIED AS CONCENTRATED COMMERCIAL FEEDING STUFFS (Sec. 6740)

It is held that the law exempts from classification as concentrated commercial feeding stuffs, and therefore from registration: (1) rough-ages such as hays, straws, corn stover and ensilage; (2) whole grains and mixtures thereof; (3) meals made from whole grains when not mixed with other materials or with each other; (4) feed ground from whole grain and sold by the manufacturer directly to the consumer; and (5) feed mixed according to a formula furnished by the consumer, for his own use.

Under clause (2), above, registration will not be required for mixtures in which the ingredients, excepting corn, are whole grains. Corn, if present, may be whole or cracked.

¹ Analyses are by Mr. O. L. Nolan, Miss Helen Kocaba, Mrs. Norma Spencer, Miss Sunrae Agostini and Mrs. Joan Curtiss; biological assays under direction of Dr. Lester Hankin; microscopic examinations by Miss Janetha Shepard; and sampling by Mr. R. Richard Nichols. Compilations are by Miss Evelyn Caputo and Miss Eleanor Hopcraft.

Clause (4) refers to feed ground from materials furnished by the consumer.

Under clause (5) feed is regarded as "mixed to order" and must be so tagged together with the name of the customer for whom it is mixed, or otherwise identified to distinguish it from regular brands offered for general sale. Such feed must be sold only to the customer for whom it was mixed; if sold to others it becomes a regular brand and subject to registration and other provisions pertaining to feeds in general.

REGULATION 2. METHOD OF LABELLING (Sec. 6741)

All concentrated commercial feeding stuffs, other than vitamin D carriers, must be labelled either by a statement printed on the bag or upon a properly attached tag; in the case of concentrated feeding stuff sold in bulk, a certificate which shall contain the information otherwise required to appear upon the bag or upon the tag, may be issued by the dealer in lieu thereof.

The use of wire or any metal in affixing tags is prohibited by law.

The law requires a statement of (1) the net weight of the feed contained in the package; (2) the name, brand or trademark, under which the feed is sold; (3) name and address of the manufacturer or importer; (4) the minimum percentages of (a) crude protein and (b) crude fat, and the maximum percentage of (c) crude fiber contained in the feed; (5) the separate ingredients of which the feed is composed.

While the law requires only a statement of the items enumerated above, no objection will be raised to more complete statements of chemical composition or formula.

REGULATION 3. CONCERNING VITAMIN D CARRIERS

Vitamin D carriers are required to be registered in the same manner and under the same conditions as obtain for feeds in general.

Information to be given on labels and in applications for registrations is (1) name of product; (2) vitamin D potency in terms of A. O. A. C. chick units per gram; (3) name and address of manufacturer, distributor or other person responsible for the product; and (4) on the label, a statement of net weight or volume.

The A. O. A. C. chick unit is the vitamin D activity produced by one U. S. Pharmacopoeia unit of vitamin D from the U.S.P. "Reference Cod Liver Oil", determined by the method of assay adopted by the Association of Official Agricultural Chemists.

REGULATION 4. CONCERNING COTTONSEED MEAL, ETC.

Cottonseed meal, linseed meal, soybean meal, and other vegetable feeds that are sold as fertilizer, are required to be registered under the provisions of the fertilizer law in addition to registration as feeds. If sold exclusively for one or the other of these purposes, the articles may be registered only under the law which applies.

For such of these articles as are used for fertilizer purposes chiefly or entirely as sources of nitrogen, only nitrogen (or protein) need be declared in the application for registration as fertilizer; and the tags or labels generally attached to such articles when intended for feeding purposes will be acceptable for them when sold as fertilizer.

REGULATION 5. DUTIES OF MANUFACTURERS, JOBBERS AND
DEALERS WITH REFERENCE TO REGISTRATION
(Sec. 6742)

All concentrated commercial feeding stuffs, including vitamin D carriers, must be registered with The Connecticut Agricultural Experiment Station annually on January 1, or before they are offered for sale. Registration blank forms are supplied by the Station.

Manufacturers, jobbers or individuals shipping feeds into Connecticut will be expected to register their brands and pay the necessary fees thereon. *Connecticut dealers should assure themselves that the brands they handle are properly registered and labelled. In case the manufacturer or jobber outside the State neglects or refuses to register, the dealer who handles such feeds will be held responsible for such registrations, registration fees and other legal requirements.*

Dealers within the State who mix their own brands are responsible for the registration and proper labelling thereof.

REGULATION 6. DEFINITIONS OF TERMS USED IN THE LAW
AND OF OTHER TERMS

Person. The term "person" imports the singular or the plural as the case demands; and includes corporations, companies, societies and associations.

Importer. The term "Importer" is defined in the act.

Brand. It is held that a distinct brand name, or a distinct analysis, constitutes a distinct brand.

Definitions for Feeding Stuff. The definitions and standards for feeding stuffs adopted from time to time by the Association of American Feed Control Officials are accepted as official in carrying out the provisions of this law; and the rules and regulations as adopted by that association are accepted as far as possible and when not inconsistent with the Connecticut Statutes.

REGULATION 7. METHODS OF ANALYSIS
(Sec. 6741)

The methods of analysis employed shall be those prescribed by the Association of Official Agricultural Chemists, wherever such methods have been adopted for the determinations desired.

REGULATION 8. CONCERNING MEDICATED FEEDS AND MINERAL MIXTURES

The law does not include medicated products used as "conditioners" for stock and poultry, and which consist essentially of substances possessing, or claimed to possess, medicinal or condimental properties; nor does it include products consisting of supplemental minerals.

REGULATION 9. FEEDS IN DIFFERENT PHYSICAL FORMS

The same feed offered in different physical forms, e. g., mash and pellets, requires but one registration.

REGULATION 10. REVISIONS AND SUBSTITUTIONS OF REGISTRATIONS

A feed registration after being filed may be revised without payment of an extra registration fee.

A brand of feed duly registered and subsequently discontinued may be replaced by another brand for the unexpired period of registration without payment of an extra registration fee.

REGISTRATIONS

For the period January 1, 1956 to December 31, 1956, 227 firms registered 1,363 brands of feeding stuffs, and 25 firms registered 57 brands of vitamin D carriers.

Acme-Evans Co. Inc., 902 W. Washington Ave., Indianapolis 9, Ind.

Acme Hominy
Acme Wheat Bran
Acme Wheat Standard Middlings with Screenings

Adams Packing Association, Inc., Auburndale, Fla.

Adams Dried Citrus Pulp

Agri-Tech, Inc., Board of Trade Bldg., Kansas City, Mo.

Specules Alfalfa

The Agro Company of Canada Limited, P. O. Box 96, Place D'Armes, Montreal 1, Canada

Agro Bran

Albers Milling Co., 5045 Wilshire Blvd., Los Angeles 36, Calif.

Albers Calf Manna
Albers Rabbit Breeder Ration
Albers Rabbit Family Ration
Albers Suckle

Allied Chemical & Dye Corp., Nitrogen Division, P. O. Drawer 61, Hopewell, Va.

"PROCADIAN" Urea Feed Mixture

Allied Mills, Inc., 3400 Board of Trade Bldg., Chicago, Ill.

Sugarine 16% Dairy "E"
Wayne Breeder Mash
Wayne Calfnip
Wayne Calf Starter
Wayne Calf Starter "A"
Wayne Calf Supplement
Wayne Chick Feed
Wayne 16% Dairy
Wayne 20% Dairy
Wayne 24% Dairy "E"
Wayne Dairy Mixer "E"
Wayne 22% Egg and Breeder
Wayne 26% Egg and Breeder Supplement
Wayne Egg Mash
Wayne Emergency 16% Dairy Mixed Feed "A"
Wayne Fitting Ration
Wayne Growing Mash
Wayne Horse Feed
Wayne Mash Layer
Wayne Mink Meal
Wayne Pork Maker
Wayne Rabbit Ration
Wayne Sugarine 16% Dairy
Wayne Sweet Bulky Feed
Wayne Tail Curler
Wayne Test Cow Ration
Wayne Turkey Breeder
Wayne Turkey Finisher

Allied Mills, Inc., 3400 Board of Trade Bldg., Chicago, Ill.—Cont.

Wayne Turkey Grower
Wayne Universal Breeder
Wayne Universal Dairy Feed
Wayne Universal Egg
Wayne Universal Grower
Wayne Universal Mixer
Wayne Universal Turkey Breeder
Wayne Universal Turkey Grower

American Crystal Sugar Co., 600 Boston Bldg., Denver, Colorado

Molasses Dried Beet Pulp
Plain Dried Beet Pulp

American Maize-Products Co., 250 Park Ave., New York 17, N. Y.

Amaizo Corn Oil Meal
Amaizo Gluten Meal
Cream of Corn Gluten Feed

Archer-Daniels-Midland Co., 600 Roanoke Bldg., Minneapolis 2, Minn.

Archer Quality 34% Protein Fat-Fortified Linseed Oil Meal
Archer Quality 34% Protein Linseed Oil Meal-Solvent Extracted
Archer Quality 36% Protein Linseed Oil Meal-Solvent Extracted
Archer Quality 44% Protein Solvent Extracted Soybean Oil Meal

Atlantic Processing Co., Amagansett, N. Y.

Smith's Life Line Fish Meal

B & W Canning Co., Inc., Groveland, Fla.

"B'n W"

E. W. Bailey & Co. Inc., Montpelier, Vt.

Bailey's Laying Mash

The Beacon Milling Co. Inc., Cayuga, N. Y.

(See also Vitamin D Carriers)

Auburn "14"
Auburn "16"
Auburn "20"
Beacon "15"
Beacon "16"
Beacon "20"
Beacon "24"
Beacon "32"
Beacon Balancer Pellets
Beacon Breeder All-Mash
Beacon Breeders Mash
Beacon Broiler Finisher
Beacon Calf Grower
Beacon Calf Starter
Beacon Chick Grains
Beacon Complete Rabbit Pellets
Beacon Complete Starter
Beacon Dairy Breeder Pellets
Beacon Dairy Fitting
Beacon Duck Breeder
Beacon Duck Breeder Developer
Beacon Duck Fitting
Beacon Duck Grower-Finisher
Beacon Duck Starter

The Beacon Milling Co. Inc., Cayuga, N. Y.—Cont.

Beacon "22" Egg Mash
 Beacon Goat Ration
 Beacon Grower All-Mash
 Beacon "18" Growing Mash
 Beacon High Vitamin D₂ Mix Incorporated in BE-CO-D
 Beacon Hog Supplement
 Beacon Horse Feed
 Beacon Keep Sweet Silage Preservative
 Beacon Market Egg All-Mash
 Beacon Pig Grower
 Beacon Pig Starter
 Beacon Poultry Fitting
 Beacon Sow Feed
 Beacon Starter-Broiler
 Beacon "14" Test Cow Ration
 Beacon "16" Test Cow Ration
 Beacon "18" Test Cow Ration
 Beacon Turkey and Game Bird Breeder
 Beacon Turkey and Game Bird Fitting
 Beacon Turkey and Game Bird Grower
 Beacon Turkey and Game Bird Starter
 Beacon Turkey Finisher All-Mash
 Beacon "20" Turkey Grower
 Be-Co-Lass
 Be-Co-Nurse Milk Replacer
 Flood Emergency Mixed Feed Type A

The Berkman Grain Co., North Franklin, Conn.

Nibco Chick Starter
 Nibco Crate Fattener
 Nibco 14% Dairy Ration
 Nibco 16% Dairy Ration
 Nibco 18% Dairy Ration
 Nibco Fitting Ration
 Nibco Five Star Broiler Mash
 Nibco High Energy Breeder Mash
 Nibco High Energy Growing Mash
 Nibco High Energy Laying Mash
 Nibco Laying Mash with Fortified Cod Liver Oil
 Nibco Nine Week Broiler Mash
 Nibco One Day Station Fattener Feed
 Nibco Scratch Feed

The Bloomfield Farmers' Exchange Inc., Bloomfield, Conn.

Bloomfield 16% Dairy Ration

The Borden Co., Special Products Div., 350 Madison Ave., New York, N. Y.

(See also *Vitamin D Carriers*)

Borden's Dry D
 Flaydry-Fermacto Poultry Feed Supplement
 Flaydry Poultry Feed Supplement

Borden's Soy Processing Co., Div. of The Borden Co., Kankakee, Ill.

Borden's 44% Protein Solvent Extracted Soybean Oil Meal

Bremco Alfalfa Mills, Inc., New Bremen, Ohio

Alfalass

L. Broder & Co. Inc., Colchester, Conn.

L. B. 16% Dairy Ration

Brooklawn Grain & Feed Co., 321 Sylvan Ave., Bridgeport, Conn.

Brooklawn Dehydrated Dried White Bread Meal

Brooklawn Egg Mash

Brooklawn Sweet Mix

Brown-Forman Distillers Corp., 1908 Howard St., Louisville, Ky.

Brown-Forman Corn Distillers Dried Grains

Brown-Forman Corn Distillers Solubles

The Buckeye Cellulose Corp., Cincinnati, Ohio

Buckeye 41% Protein Cottonseed Meal, Prime Quality

Buckeye 41% Protein Solvent Extracted Cottonseed Meal with added Hydrolyzed Cottonseed Oil

Buckeye 44% Protein Solvent Extracted Soybean Oil Meal

Buckeye Sugars, Inc., Ottawa, Ohio

Registered by The Park & Pollard Co., Buffalo, N. Y.

Dried Beet Pulp

Calvert Distillers Limited, Amherstburg, Canada

Corn Distiller's Dried Grains

Calvert Milling Co., Hoytville, Ohio

15% Dehydrated Alfalfa Meal

Camden Grain Co., 1709 Kossuth St., Camden, N. J.

Camden Brand Dried Brewers Grain

Camp Milling Co., Inc., Walton, N. Y.

Warren's Calf Starter (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)

Warren's Complete Growing Mash (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)

Warren's Complete Laying Mash (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)

Warren's Growing Mash (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)

Warren's Laying Mash (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)

Warren's 16% Milk Flow (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)

Warren's Milkproducer 16% Dairy Feed (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)

The C. W. Campbell Co., 27 West Broad St., Westerly, R. I.

Alfalass

Best Pig and Hog Ration

Camco Horse Feed

16% Coarse Dairy Ration

14% Dairy Ration

16% Dairy Ration

Economical Stock Feed

Egg-O Chick Starter and Broiler Ration

Egg-O Complete Layer

Egg-O Grower

Egg-O Laying Mash

Egg-O Special Broiler

12% Fitting Ration

Milk Replacer

Sheep and Goat Feed

The A. B. Caple Co., Toledo, Ohio
Alfalfa Stem Meal

Cargill, Incorporated, 200 Grain Exchange, Minneapolis, Minn.
36% Protein Solvent Extracted Linseed Oil Meal
44% Protein Solvent Extracted Soybean Oil Meal

Carling Brewing Co., 9400 Quincy Ave., Cleveland 6, Ohio
Carling Dried Brewers Grains

Central Conn. Co-operative Farmers' Ass'n. Inc., 10 Apel Place, Manchester, Conn.

(See also *Vitamin D Carriers*)

Honest Brand Aureomycin Mix 100 grams
Honest Brand Aureomycin Mix 200 grams
Honest Brand Breeder Mash
Honest Brand Complete Ration High Energy Growing Mash
Honest Brand Complete Ration High Energy Laying Mash
Honest Brand 16% Dairy
Honest Brand Growing Mash
Honest Brand Nu Weigh Hi Broiler Finisher Mash
Honest Brand Nu Weigh Hi Laying Mash

Central Soya Co., Inc., 300 Ft. Wayne Bank Bldg., Ft. Wayne, Ind.

Central 4-44 Soybean Oil Meal
Central 50% Solvent Extracted Soybean Oil Meal
Central Star Brand Solvent Extracted Soybean Oil Meal

S. J. Cherry & Sons Ltd., Preston, Canada

Wheat Bran
Wheat Shorts

Citrus Feed Co., P. O. Box 513, Lakeland, Fla.

FLORIDA CREST All Sweet Dried Citrus Pulp
FOSGATE'S ACE HIGH All Sweet Dried Citrus Pulp

Clinton Corn Processing Co., Clinton, Iowa

Clinton 21% Protein Corn Gluten Feed
Clinton 41% Protein Corn Gluten Meal
Clinton 16% Protein Sweetened Corn Gluten Feed

Clyde Milling Corp., 15 Sodus St., Clyde, N. Y.

Clyde C-M-C 30 Dairy Mixing Ration
Clyde C-M-C 40 Dairy Mixing Ration
Clyde C-M-C 36 Mixing Ration
Clyde Booster 16 Dairy Ration
Clyde Calving Ration
Clyde Chick Starting Mash
Clyde Complete Calf Starter
Clyde Complete Growing Mash
Clyde Complete Laying Mash
Clyde Complete Rabbit Pellets
Clyde Complete Turkey Grower Mash
Clyde Crate Fattener Pellets
Clyde Dry & Freshening Ration
Clyde Fitting Ration
Clyde Growing Mash
Clyde H-E Broiler Mash
Clyde H-E Complete Breeder Mash

Clyde Milling Corp., 15 Sodus St., Clyde, N. Y.—Cont.

Clyde H-E Complete Growing Mash
Clyde H-E Complete Laying Mash
Clyde Hi-Po (High Potency Pellets)
Clyde Hog Supplement
Clyde Horse Feed
Clyde Life Span 15
Clyde Market Egg Mash
Clyde Meat Bird Finisher
Clyde Milk Las 15 Dairy Ration (Coarse)
Clyde Pig and Sow Ration
Clyde Poultry Mixing Ration
Clyde Super Egg Mash
Clyde Tastee Station Pellets
Clyde Test Cow 16
Clyde Test Cow 20
Clyde Turkey Grower Mash
Connecticut Flood Emergency Mixed Feed A
Corn Distillers Dried Grains
Corn Gluten Feed
Dried Apple Pomace
Hominy Feed
Linseed Oil Meal (Solvent Extracted)
Little & McKinney Egg Mash (*Mfr'd. for Little & McKinney Grain Co., Manchester, Conn.*)
Nate's Complete Laying & Growing Mash (*Mfr'd. for A. Hodos & Sons Inc., Ansonia, Conn.*)
Nate's Life Span 15 (*Mfr'd. for A. Hodos & Sons Inc., Ansonia, Conn.*)
Nate's Meat Bird Finisher (*Mfr'd. for A. Hodos & Sons Inc., Ansonia, Conn.*)
New England 12 Dairy Ration
New England 16 Dairy Ration
Soybean Oil Meal
Warren's Dairy Fitting Ration (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)
Warren's 16 Dairy Ration (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)
Warren's Laying Mash (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)
Wheat Bran
Wheat Standard Middlings

Coatsworth & Cooper Ltd., 67 Yonge St., Toronto, Canada

C & C Wheat Bran
C & C Wheat Shorts

Cocke and Co., 208 William-Oliver Bldg., Atlanta 3, Ga.

Cocke-Sure Brand Prime Quality 36% Protein Cottonseed Meal
Suni-Citrus Meal (*Mfr'd. by Suni-Citrus Products Co., Haines City, Fla.*)
Sweet Suni-Citrus Pulp (*Mfr'd. by Suni-Citrus Products Co., Haines City, Fla.*)

Colby Cooperative Starch Co., Box 163, Caribou, Maine

Co-Star Brand Dried Potato Pulp

Commercial Solvents Corp., 1331 South 1st. St., Terre Haute, Ind.

B.Y.-Basic Dried Grain & Cane Syrup Fermentation Solubles (Butyl)
B.Y.-100 Dried Grain & Cane Syrup Fermentation Solubles
B.Y.-500 Dried Grain & Cane Syrup Fermentation Solubles

Community Service, Inc., Canaan, Conn.

Community Service 16% Dairy Ration
Community Service 18% Dairy Ration
Community Service Fitting Ration
Community Service Laying Mash

Consolidated Products Co., Danville, Ill.

(See also Vitamin D Carriers)

"Consolidated's" Dried Whole Whey

Kaff-A

Pex for Broilers

Pex for Layers—Breeders

Pex for Poultry

Pex Whey Block

Consolidated Rendering Co., 178 Atlantic Ave., Boston, Mass.

Corenco Feeding Bone Meal

Corenco 47% Meat & Bone Scrap

Corn Products Refining Co., 17 Battery Place, New York 4, N. Y.

Buffalo Brand 21% Protein Corn Gluten Feed

Buffalo Brand 16% Protein Corn Gluten Feed Sweetened

Diamond Brand Corn Gluten Meal

C. A. Cowles, Inc., Summer St., Plantsville, Conn.

Blue C. Complete Growing Mash

Blue C Complete Laying Mash

Blue C 16% Dairy Ration

Blue C 20% Dairy Ration

Blue C Fitting Ration

Blue C Growing Mash

Blue C Hog & Pig Feed

Blue C Horse Feed with Molasses

Blue C Laying Mash

Blue C Plantsville Dairy Ration

Blue C Rabbit Pellets

Blue C Sheep & Goat Ration

Blue C Special Starter & Broiler

Blue C Starting Mash

Blue C Super 16% Coarse Dairy Ration

Blue C Super 16% Dairy

Blue C Turkey Finishing Mash

Blue C Turkey Growing Mash

Blue C Turkey Starting Mash

Champ 16% Dairy Ration

Red C 16% Dairy Ration

Red C Fitting Ration

Red C Laying Mash

Red C Starting & Growing Mash

Chas. M. Cox Co., 177 Milk St., Boston, Mass.

Connecticut Flood Emergency Mixed Feed A

Connecticut Flood Emergency Mixed Feed B

Maple Leaf Shorts (*Mfr'd. by Maple Leaf Milling Co., Ltd., Toronto, Canada*)

Rex Wheat Bran (*Mfr'd. by Maple Leaf Milling Co., Ltd., Toronto, Canada*)

Rex Wheat Middlings (*Mfr'd. by Maple Leaf Milling Co., Ltd., Toronto, Canada*)

Wirthmore Baby Chick Scratch

Wirthmore Big W 16% Dairy

Wirthmore Breeder Mash

Wirthmore 38% Broiler Concentrate

Wirthmore Broiler Finisher

Wirthmore Calf Starter Meal

Wirthmore Calving Feed

Wirthmore Challenger Coarse 14 Dairy Ration

Wirthmore Challenger Coarse 16 Dairy Ration

Wirthmore Challenger 16 Dairy Ration

Wirthmore Challenger 18 Dairy Ration

Wirthmore Challenger 20 Dairy Ration

Wirthmore Coarse Test Dairy Ration

Wirthmore Complete Breeder Ration

Wirthmore Complete Chick Starter

Chas. M. Cox Co., 177 Milk St., Boston, Mass.—Cont.

Wirthmore Complete Egg Ration
Wirthmore Complete Growing Ration
Wirthmore Complete Turkey Breeder Ration
Wirthmore Complete Turkey Fattening Ration
Wirthmore Complete Turkey Growing Ration
Wirthmore 14 Dairy Fitting Feed
Wirthmore 36% Dairy Mixing Feed
Wirthmore 36% Dairy Mixing Ration
Wirthmore 14 Dairy Ration
Wirthmore 16 Dairy Ration
Wirthmore 20 Dairy Ration
Wirthmore 16 Dairy Record Feed
Wirthmore 18 Dairy Record Ration
Wirthmore 32 Dairy Supplement
Wirthmore Fattening Pellets
Wirthmore Fodder Greens
Wirthmore Game Bird Starter Pellets
Wirthmore Mornin' Call Complete Grower-Layer
Wirthmore Mornin' Call Growing-Laying
Wirthmore Green Mountain 14
Wirthmore Green Mountain 16
Wirthmore Green Mountain 20
Wirthmore Green Mountain 16 Dairy Ration
Wirthmore Grow & Egg Mash
Wirthmore Growing Scratch
Wirthmore Hi-Ener-G Breeder
Wirthmore Hi-Ener-G 16 Pellets
Wirthmore Hog Grower
Wirthmore Horse Feed
Wirthmore Improved Hi-Ener-G Starter & Broiler Ration
Wirthmore Pig & Sow Feed
Wirthmore 36% Poultry Concentrate
Wirthmore Poultry Fitting
Wirthmore Poultry Flush
Wirthmore Production Scratch
Wirthmore Rabbit Pellets
Wirthmore Sheep & Goat Ration
Wirthmore Special Scratch Feed with Cracked Corn
Wirthmore Special Scratch Feed with Whole Corn
Wirthmore Stock Feed
Wirthmore Super Pellets
Wirthmore Turkey Breeder Ration
Wirthmore Turkey Growing Ration
Wirthmore Twin-Mix Calf Feed

Crawford Brothers, Inc., 109 Delaware St., Walton, N. Y.

Complete Breeder Mash or Pellets
Complete Chick Starter Mash or Pellets
Complete Egg Mash or Pellets
Complete Grow Mash or Pellets
16% Dairy Ration
20% Dairy Ration
32% Dairy Supplement
14% Dry & Freshening
14% Fitting Ration
Grow Mash or Pellets
16% Hi-Energy Lay Mash or Pellets
Horse Feed
Lay Mash or Pellets
16% Milk Flow
Pig Grower-Fattener
Poultry Finishing Feed or Pellets
Rabbit Pellets
Warren's Milkproducer 16% Dairy Feed (*Mfr'd. for William S. Warren & Son, Eastford, Conn.*)

P. Cutler, Inc., Colchester, Conn.

Prosperity Dairy Ration
Prosperity Laying Mash
Prosperity Pig Feed
Prosperity Sweet Beetus Mix

Dairymen's League Co-operative Ass'n. Inc., 250 Genesee St., Utica, N. Y.

Dairylea Choice Feed Grade Dried Skim Milk

Dairy Service Corp., P. O. Box 615, Brooksville, Fla.

Dairy Grove Citrus Pulp

R. G. Davis & Sons, Inc., 560 Grand Ave., New Haven, Conn.

Davis 16% Dairy Feed
Davis Egg Mash
Davis Horse Feed
New England College Conference Grow
New England College Conference Lay

Dawe's Laboratories Inc., 4800 So. Richmond St., Chicago, Ill.

(See also Vitamin D Carriers)
Dawe's Fermentation Flavonne
Dawe's Fermentation Supplement 100
Dawe's Vitamelk—Ruminant Type
Flavonne Ribo-D
Flavonne Ribo-D Special Blend No. 660

Dawnwood Farms, Smithfield Rd., Amenia, N. Y.

(See also Vitamin D Carriers)
Dawnwood Farms CAF-STAR Formula Feed for Calves

Decatur Milling Co. Inc., 717 North Union St., Decatur, Ill.

Homco Hominy Feed

Delaware Mills, Inc., Deposit, N. Y.

Delaware Broiler Mash
Delaware Fitting Ration
Delaware Horse Feed
Delaware Scratch Grains
Delaware Sweet 16% Dairy Feed
Warren's Broiler Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's Chick Starter (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's Complete Growing Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's Complete Layer (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's Fitting Ration (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's Growing Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's H-E Grower (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's H-E Layer (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's Indian 16% Dairy (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's Laying Mash (Mfr'd. for William S. Warren & Son, Eastford, Conn.)
Warren's 16% Test Ration (Mfr'd. for William S. Warren & Son, Eastford, Conn.)

The Delphos Grain & Soya Products Co., Delphos, Ohio

44% Protein Soybean Oil Meal (Solvent Extracted)

Derby Feed Store, 176 Main St., Derby, Conn.

Litsky's Hi-Energy All Mash Grower
Litsky's Hi-Energy All Mash Layer
Litsky's Hi-Energy Layer
Litsky's Sweet 16% Dairy Ration

Dewart Milling Co., Ltd., Peterborough, Canada

Wheat Shorts

Dietrich & Gambrell, Inc., So. Carroll St., Frederick, Md.

D & G Calf Meal

Distillers Corporation Limited, Ville LaSalle, Montreal 32, Canada

Distilco Corn Distiller's Dried Grains

Dominion Malting (Ontario) Ltd., 307 Fleet St. E., Toronto, Canada

Dried Brewer's Grains

Doughnut Corporation of America, Ellicott City, Md.

Domaco Pure Winter Wheat Bran
Domaco Winter Wheat Standard Middlings

The Dover Milling Co., Dover, Ohio

Wheat Middlings with Mill Run Ground Wheat Screenings

The Drackett Products Co., 5020 Spring Grove Ave., Cincinnati 32, Ohio

Drackett 44% Protein Soybean Oil Meal

Duffy-Mott Co., Inc., 370 Lexington Ave., New York 17, N. Y.

Dried Apple Pomace Feed

E. I. du Pont de Nemours and Company, Wilmington, Del.

(See also *Vitamin D Carriers*)

DU PONT-TWO-SIXTY-TWO Feed Compound

Eastern States Farmers' Exchange, Inc., West Springfield, Mass.

(See also *Vitamin D Carriers*)

All-Mash Breeder
Breeder Mash
Calf Starter
Calving Ration
Cash maker
Champion
Class Leader
Darimore
Fulpail
Gee-Mix
Goalmaker
Lay-Mix
Matchmaker
Milkmore
Milksaver
Mixed Feed A
Pig Primer
Pork Builder
Porklets
Porkmix

Eastern States Farmers' Exchange, Inc., West Springfield, Mass.—Cont.

Rabbettes
Supmix
Sweepstakes
Turkey Breeder Pellets
Turkey Finisher Pellets
Turkey Grower

Eckhart Milling Co., 1300 W. Carroll Ave., Chicago, Ill.

Ecko Pure Wheat Bran
Standard Wheat Middlings with Ground Recleaned Wheat Screenings

Elmore Milling Company, Inc., Oneonta, N. Y.

Elmore Booster Pellets
Elmore Breeder Mash
Elmore Bull Feed
Elmore Calf Grain Ration
Elmore Chick Feed
Elmore Complete Breeder Ration
Elmore Complete Growing Ration
Elmore Complete Market Egg Ration
Elmore Complete Rabbit Ration Pellets
Elmore Complete Turkey Breeder Ration
Elmore Complete Turkey Growing Ration
Elmore Dry & Freshening Ration
Elmore Egg Mash
Elmore Fitting Ration 14%
Elmore Flaked Pelleted Calf Starter
Elmore Fleshing Pellets
Elmore Game Bird Grower
Elmore Goat Ration
Elmore Grand Champion Ration
Elmore Growing Mash
Elmore Hog Ration
Elmore Horse Crunchies
Elmore Horse Feed
Elmore M.A.C. Laying Mash
Elmore Makemgrow Little Pig Ration
Elmore Milk Grains "Sixteen"
Elmore Milk Grains "Twenty"
Elmore Mixed Feed "A"
Elmore Pacemaker 16% Dairy Ration
Elmore Pacemaker 18% Dairy Ration
Elmore Pacemaker Fitting Ration 14%
Elmore Poultry & Turkey Fitting Ration
Elmore Super Silage
Elmore 30% Supplemental Dairy Ration
Elmore Test Ration 16%
Elmore Test Ration 18%
Elmore Turkey Breeder Mash
Elmore Turkey Finisher (Fattener)
Elmore Turkey Growing Mash

John W. Eshelman & Sons, Lancaster, Pa.

Conestoga 18 Dairy Feed
Lancaster Scratch Grains
Pennsy 16 Dairy Feed
Pennsy Laying Mash
Red Rose Breeder Mash
Red Rose Broiler Finisher
Red Rose Calf Grower
Red Rose Calf Starter
Red Rose Chick Grains

John W. Eshelman & Sons, Lancaster, Pa.—Cont.

Red Rose Complete Breeder Ration
Red Rose Complete Growing Ration
Red Rose Complete Laying Ration
Red Rose Complete Turkey Finisher
Red Rose Complete Turkey Grower
Red Rose 16 Dairy Feed
Red Rose 18 Dairy Feed
Red Rose 24 Dairy Feed
Red Rose 32% Dairy Supplement
Red Rose Duck Grower & Breeder
Red Rose Fattening Mash
Red Rose Fitting Ration
Red Rose Goat Ration
Red Rose Ground Corn & Oats
Red Rose Growing Mash
Red Rose Hog Meal
Red Rose Horse Feed
Red Rose Intermediate Chick Grains
Red Rose Laying Mash
Red Rose Milk Replacer
Red Rose Pig & Sow Meal
Red Rose Pigeon Feed
Red Rose 36% Poultry Supplement
Red Rose Rabbit Pellets
Red Rose Scratch Grains
Red Rose Starter & Grower
Red Rose Steer Feed
Red Rose Super Dairy Feed
Red Rose 14 Test Cow Ration
Red Rose Turkey & Broiler Fitting Feed
Red Rose Turkey Grower
Red Rose Turkey Starter
Red Rose Wheat & Cracked Corn
S-O-S

Evans Milling Co., 1730 W. Michigan St., Indianapolis, Ind.

Emco Hominy Feed

FMS Incorporated, 5903 Northwest Highway, Chicago 31, Ill.

FMS—A food for baby animals to be used in place of milk

Fairmont Foods Co. Inc., 197 Scott St., Buffalo 4, N. Y.

Fairmont's Better Brand Condensed Buttermilk

Farm Bureau Association, 155 Lexington St., Waltham, Mass.

Farm Bureau Complete Market Egg Mash or Pellets
Farm Bureau 16% Dairy Ration
Farm Bureau 20% Dairy Ration
Farm Bureau Fitting Ration
Farm Bureau Market Egg Mash or Pellets
Farm Bureau 14% Milking Ration
Special 14 Dairy (Flood Emergency Mixed Feed) Type B

Farm Bureau Cooperative Ass'n., 245 No. High St., Columbus 16, Ohio

Dehydrated Alfalfa Meal

Farmers Feed Co., 375 Johnson Ave., Brooklyn 6, N. Y.

"Bull Brand" Brewers Dried Grains

Fish Products Co., Lewes, Del.

Smith's Lifeline Brand Fish Meal

Fishel Products Co., P. O. Box 66, Kingsburg, Calif.

Amburgo Supertrate

Fishery Products, Inc., 1200 W. Ninth St., Cleveland, Ohio

Monroe Brand Fish Meal

Florida Citrus Cannery Cooperative, Lake Wales, Fla.

Lake Wales Brand Citrus Pulp

Flory Milling Co., Bangor, Pa.

Flory 32% Dairy Mixing Feed

Flory Superior 16% Dairy Feed

The Fox Co., Newfield, N. J.

(See also Vitamin D Carriers)

Foxco Flavitein

Fruit Industries, Bradenton, Fla.

Tropicana's Sweetest Dried Citrus Pulp

General Foods Corp., Corn Mill Div., 180 So. Dearborn Ave., Kankakee, Ill.

Burt's Hominy Feed

General Mills, Inc., 400 Second Ave. So., Minneapolis, Minn.

Arlington Wheat Second Clear

Ben Hur Wheat Bran & Ground Wheat Screenings

Ben Hur Wheat Standard Middlings & Ground Wheat Screenings

General Mills 44% Protein Solvent (Hexane) Extracted Soybean Oil Meal

Gold Medal Wheat Germ Meal Type A

Washburn's Gold Medal Fancy Wheat Flour Middlings and Ground Wheat Screenings not Exceeding Mill Run

Washburn's Gold Medal Fancy Wheat Mixed Feed with Ground Wheat Screenings not Exceeding Mill Run

Washburn's Gold Medal Wheat Adrian Red Dog

Washburn's Gold Medal Wheat Bran and Ground Wheat Screenings not Exceeding Mill Run

Washburn's Gold Medal Wheat Standard Middlings and Ground Wheat Screenings not Exceeding Mill Run

General Mills, Inc., Larro Region, 15800 W. McNichols Rd., Detroit 35, Mich.

Larro Chick Grains

Larro Poultry SureHatch 38

Larro Poultry SureHatch Complete "H-E"

Larro Poultry SureHatch "H-E"

Larro Scratch Grains

Larro SureBeef 50

Larro SureBroiler 38

Larro SureBroiler 42

Larro SureBroiler Finisher

Larro SureBroiler Finisher 23

Larro SureBroiler Finisher 23-X

Larro SureCalf

Larro SureCalf Mixer

Larro SureCattle 32

Larro SureChick

General Mills, Inc., Larrowe Region, 15800 W. McNichols Rd., Detroit 35, Mich.—Cont.

Larro SureFat 1
Larro SureGrow Complete "H-E"
Larro SureLay 26
Larro SureLay 38
Larro SureLay Cage
Larro SureLay Complete "H-E"
Larro SureLay "H-E"
Larro SureMilk 14
Larro SureMilk 16
Larro SureMilk 20
Larro SureMilk 32
Larro SureMilk 33
Larro SureMilk 50
Larro SurePasture Balancer
Larro SurePork 35
Larro SurePork 40
Larro SurePork Complete
Larro SurePoult
Larro SurePoult 38
Larro SureRabbit
Larro SureRaise
Larro SureStart
Larro SureTurk
Larro SureTurk 38
Larro SureTurk Finisher Complete
Larro SureTurk Fryer Complete
Larro SureTurk Grower Complete
Larro Turkey SureHatch
Larro Turkey SureHatch Complete

The Glidden Co., Chemurgy Div., 1825 N. Laramie Ave., Chicago, Ill.

Glidden Quality Products 44% Protein Solvent Extracted Soybean Oil Meal

Gloucester By-Products, Inc., State Fish Pier, Gloucester, Mass.

Globpro Brand Fish Meal 55%
Globpro Brand Fish Meal 60%

Goldenrod Oil Meal Sales Co., Memphis, Tenn.

Goldenrod Brand 41% Protein Cottonseed Meal-Prime Quality

Gooderham & Worts Ltd., Toronto, Canada

Registered by Riverside Elevator Co., Detroit, Mich.
Corn Distillers' Dried Grains

Gorton-Pew Fisheries Co. Ltd., 327 Main St., Gloucester, Mass.

(See also Vitamin D Carriers)
Gorton's A1-Blend "Junior"
Gorton's A1-Blend "Senior"
Gorton's Mar-Vi-Tic Blend

Grace Chemical Co., Div. of W. R. Grace & Co., Box 4906, Memphis, Tenn.

Nurea Feed Compound

Grandin Brothers Corporation, Jamestown, N. Y.

Golden Harvest Complete Egg Mash
Golden Harvest 14% Fitting Ration
Golden Harvest Growing Mash
Golden Harvest Laying Mash

Grandin Brothers Corporation, Jamestown, N. Y.—Cont.

Golden Harvest Pasture Ration
 Golden Harvest 16% Test Ration
 Golden Harvest 18% Test Ration
 Grandin's Baby Chick Grains
 Grandin's Calf Starter
 Grandin's Dry & Freshening Ration
 Grandin's 14 Fitting Ration
 Grandin's Happy Calf Milk Replacer
 Grandin's Hi-Nutro Mash
 Grandin's Hi Pro Pellets
 Grandin's Horse Feed
 Grandin's Intermediate Chick Grains
 Grandin's Laying Mash
 Grandin's 16 Milk Maker
 Grandin's 20 Milk Maker
 Grandin's Peerless 14 Fitting Ration
 Grandin's Pig & Sow Feed
 Grandin's Pork Maker
 Grandin's Rabbit Pellets
 Grandin's Short Station Feed
 Grandin's Start-To-Finish Mash
 Grandin's Succulent Feed
 Grandin's Super Starter & Broiler Ration
 Grandin's Ten-Hi Broiler Ration
 Grandin's 16 Test Ration
 Grandin's 18 Test Ration
 Grandin's Turkey Fattener
 Grandin's Turkey Grower
 Grandin's Twin Six Dairy Feed

The Great Atlantic & Pacific Tea Co., 817 Andrus Bldg., Minneapolis, Minn.

Daily Egg Laying Mash
 Daily Growth Chick Starter
 Daily Growth Fine Chick Feed
 Daily Growth Growing Mash

Great Star Flour Mills Ltd., St. Marys, Canada

Wheat Shorts

Green Acre Farms, Nazareth, Pa.

Green Acre's Brand 17% Dehydrated Alfalfa Meal

Pablo Hadra & Cia. S.A., Buenos Aires, Argentina

Registered by Inter-State Commodities Inc., Albany 1, N. Y.
 Corn Distillers Grains (Dark)

Haffenreffer & Co., Inc., 30 Germania St., Boston 30, Mass.

Haffenreffer & Company's Brewers' Dried Yeast

Hales & Hunter Co., 141 W. Jackson Blvd., Chicago, Ill.

Gold Flake 16 Dairy
 Pioneer Beef Fitting Ration
 Pioneer Bull Feed
 Pioneer Calf Starter
 Pioneer Dairy Fitting Feed
 Pioneer Dairy Production 16
 Pioneer Dairy Production 18
 Pioneer Dry & Freshening
 Pioneer Greeno

Hales & Hunter Co., 141 W. Jackson Blvd., Chicago, Ill.—Cont.

Pioneer Horse Feed
Pioneer Milk Replacer
Pioneer Pelleted Flaked 15 Dairy
Pioneer Pelleted Flaked 18 Dairy
Pioneer Rabbit Pellets
Pioneer Sup-Pel Pellets
Red Comb All Mash Grower
Red Comb All Mash Layer
Red Comb Breeder Mash
Red Comb Broiler Finisher
Red Comb Broiler Mash
Red Comb Broiler Station Fattener
Red Comb C Flakes
Red Comb Chick Starter
Red Comb Crate Fattener
Red Comb 1-Day Station Pellets
Red Comb Duck Grower
Red Comb Duck Starter
Red Comb Egg Mash
Red Comb Fine Chick
Red Comb Growing Mash
Red Comb Poultry Flesher
Red Comb Scratch Feed
Red Comb Turkey Finisher
Red Comb Turkey Grower
Red Comb Turkey Starter

A. E. Hall, Wallingford, Conn.

Hall's Growing Mash
Hall's Hi-Lo Starter & Broiler
Hall's Laying Mash

Harper Feed Mills, Inc., Washington, Pa.

Harco Short Feed Station Fattener Pellets
Harco Station Fattener Pellets

A. Hodos & Sons, Inc., Ansonia, Conn.

Registered by Clyde Milling Corp.
Nate's Complete Laying & Growing Mash
Nate's Life Span 15
Nate's Meat Bird Finisher

Hoham Laboratories, Inc., Auburn, Ind.

(See also Vitamin D Carriers)
Fashion Club "Formula 29" Horse & Pony Supplement

Honeggers' & Co., Inc., Fairbury, Ill.

Big "H" Quality All-Mash Breeder Ration

H. P. Hood & Sons, Inc., 500 Rutherford Ave., Boston 29, Mass.

Dried Skimmed Milk
Hood's Calf Starter
Powdered Skim Milk

The Hubinger Co., Keokuk, Iowa

Ke OK 21% Protein Corn Gluten Feed

Humphreys-Godwin Co., Memphis, Tenn.

Dixie Brand 41% Cottonseed Meal

Illinois Cereal Mills, Inc., So. Jefferson Ave., Paris, Ill.
Hominy Feed

J. F. Imbs Milling Co., 420 Merchants Exchange Bldg., St. Louis 2, Mo.
Charm Pure Winter Wheat Bran

Industrial Molasses Corp., 3033 Excelsior Blvd., Minneapolis 16, Minn.
Dried Molasses-Beet Pulp

Inland Mills, Inc., 1925 E. Grand Ave., Des Moines, Iowa
Certainty Hard Wheat Standard Middlings with Fine Ground Screenings not Exceeding Mill Run

International Milling Co., 800 McKnight Bldg., Minneapolis, Minn.
Blackhawk Wheat Bran with Ground Mixed Screenings not Exceeding 8%
Blackhawk Wheat Standard Middlings with Ground Mixed Screenings not Exceeding Mill Run
Target Wheat Reddog

Inter-State Commodities Inc., Box 7213, Albany 1, N. Y.
Corn Distillers Grains (Dark) (*Mfr'd by Pablo Hadra & Cia. S. A., Buenos Aires, Argentina*)

Iowa Milling Co., 411 Sixth St. N.E., Cedar Rapids, Iowa
Hygrade 44% Protein Solvent Extracted Soybean Oil Meal

Herman Isacs, Inc., Bridgeport, Conn.
Hi Test Meat & Bone Scrap

Mead Johnson & Co., Evansville, Ind.
XT-No. 58

Kellogg Company, Battle Creek, Mich.
Kellogg's Hominy Feed
Kellogg's No. 1007 Mink Mix
Kellogg's No. 1001 Mink Ration

Spencer Kellogg & Sons, Inc., 98 Delaware Ave., Buffalo 5, N. Y.
Spencer Kellogg's 34% Protein Old Process (Expeller) Linseed Oil Meal
Spencer Kellogg's 44% Protein Toasted Soybean Oil Meal-Solvent Extracted
Spencer Kellogg's 50% Protein Toasted Soybean Oil Meal-Solvent Extracted

Kennell Food Supply, 63 Mill Hill Terrace, Fairfield, Conn.
KFS Rabbit Pellets

Kentucky By-Products Corp., 2928 Garland Ave., Louisville, Ky.
Brewer's Dried Grain

Keystone Dehydrators, Box 204, Nazareth, Pa.
Keystone Super-Green Dehydrated Alfalfa Meal

Kraft Foods Co., 99 Park Ave., New York, N. Y.
Kraco Dried Whole Whey
Kraylets
Kraylets Plus 2

Chas. A. Krause Milling Co., 404 E. State St., Milwaukee 1, Wis.
Badger Yellow Hominy Feed

Kuder Pulp Sales Co., Lake Alfred, Florida
Kuder Dried Citrus Pulp, High Sugar
Kuder Dried Citrus Pulp, High Sugar, Late Production

John Labatt Ltd., Ville LaSalle, Quebec, Canada
Registered by Toronto Elevators Ltd., Montreal, Canada
Labatt's Dried Brewers Grains

L. C. Latimer, South Coventry, Conn.
College 18% Dairy Ration
College Growing Mash
College Mash with Oil

Lauhoff Grain Co., 321 E. North St., Danville, Ill.
Vermilion Hominy Feed

Lauhoff Soya Co., Danville, Ill.
44% Protein Solvent Extracted Soybean Oil Meal

Libby, McNeill & Libby, 4134 S. Packers Ave., Chicago, Ill.
Headliner Brand Dried Citrus Pulp

The Libner Grain Co., 25 Commerce St., Norwalk, Conn.
Libner's Blue Ribbon Conn. Standard Chick Starter
Libner's Blue Ribbon 16% Dairy Ration
Libner's Blue Ribbon 12% Fitting Ration
Libner's Blue Ribbon Growing Mash
Libner's Blue Ribbon Horse & Calf Ration
Libner's Blue Ribbon Milk Egg Mash
Libner's Blue Ribbon Turkey Starter & Grower
Libner's 20% Milkflow Dairy Ration
Non-Fat Dried Milk Solids (*Mfr'd. by New England Milk Producers' Ass'n., West Springfield, Mass.*)

Lincoln Mills, Inc., 1203 West 23rd St., Indianapolis, Ind.
Pulverized Lincoln Oats Containing Wheat and Barley

Litchfield County Co-Operative Ass'n., Inc., 132 Railroad Ave., Torrington, Conn.
"Common Sense" Laying Mash

Little & McKinney Grain Co., Manchester, Conn.
Registered by Clyde Milling Corp., Clyde, N. Y.
Little & McKinney Egg Mash

Locust Grove Hatchery, Plainfield, Conn.
Registered by Yieldmor Feeds, Inc., Piqua, Ohio
Locust Grove Breeder Mash

L. B. Lovitt & Co., 314 Cotton Exchange Bldg., Memphis, Tenn.
"LOVIT BRAND" 41% Protein Cottonseed Meal

McCabe Grain Co. Limited, 409 Grain Exchange, Winnipeg, Canada
Ground Grain Screenings

**McMillen Feed Mills, Div. of Central Soya Co. Inc., 300 Ft. Wayne Bank Bldg.,
Ft. Wayne, Ind.**

Master Blend Dairy Concentrate
Master Mix All Mash Layer
Master Mix All Mash Pullet Grower
Master Mix Beef Concentrate
Master Mix Broiler Finisher
Master Mix Bulky Feed
Master Mix Calflac
Master Mix Calf-Mixer
Master Mix Chick Concentrate
Master Mix Complete Calf-Mix
Master Mix Complete Rabbit Pellets
Master Mix Complete Turkey Finisher
Master Mix 16% Dairy Feed
Master Mix 20% Dairy Feed
Master Mix Egg Concentrate
Master Mix Egg Formula
Master Mix Egglac Pellets
Master Mix Egg Mash
Master Mix Fitting Feed
Master Mix Hi-Calorie Broiler Concentrate
Master Mix Hi-Calorie Egglac Pellets
Master Mix Hi-Calorie Finisher Concentrate
Master Mix Hi-Calorie Poult Concentrate
Master Mix Hi-Calorie Turkey Grower Concentrate
Master Mix 35% Hog Concentrate
Master Mix Horse Feed
Master Mix Layer Concentrate
Master Mix Pig Concentrate
Master Mix Pig-Ets
Master Mix Poult Concentrate
Master Mix Poult Starter
Master Mix Pullet Grower
Master Mix Sow Concentrate
Master Mix Sow & Pig Concentrate
Master Mix Sweet 14% Dairy
Master Mix Sweet 16% Dairy
Master Mix Sweets
Master Mix Turkey Breeder Pellets
Master Mix Turkey Grower
Master Mix Turkey Grower Concentrate
Master Mix Waylac

A. S. MacDonald Commission Co., 106 Grain & Flour Exchange, Boston 9, Mass.
Parrheim Brewers Dried Grains (*Mfr'd. by Parrish & Heimbecker, Ltd., 43 Scott St., Toronto, Canada*)
Parrheim Pure Wheat Bran (*Mfr'd. by Parrish & Heimbecker, Ltd., 43 Scott St., Toronto, Canada*)
Brewer's Dried Grains (*Mfr'd. by Sherwood Feed Mills, Inc., Baltimore, Md.*)

Machnicki's Grain Store, Canal St., Jewett City, Conn.
Machnicki's Hi-Energy All-Mash Layer

The Manitoba Sugar Co. Ltd., Winnipeg, Canada
Registered by Mowat, Wilson & Co., Detroit, Mich.
Dried Molasses-Beet Pulp

Maple Leaf Milling Co., Ltd., Toronto, Canada

Registered by Chas. M. Cox Co., Boston, Mass.

Maple Leaf Shorts

Rex Wheat Bran

Rex Wheat Middlings

Maritime Milling Co., Inc., 1009 Chamber of Commerce Bldg., Buffalo 2, N. Y.

B-B Bull Brand "16" Dairy Ration

B-B Bull Brand Fitting Ration

B-B Bull Brand 16% Special Dairy Ration

B-B Bull Brand 18% Special Dairy Ration

B-B Complete Growing Ration

B-B Complete Laying Ration

B-B Horse Feed

B-B Laboratory Rabbit Diet

B-B Maco Breeder Mash

B-B Maco Complete Breeder Ration

B-B Maco Complete Growing Ration

B-B Maco Complete Laying Ration

B-B Maco Conditioning Mash

B-B Maco Egg Mash

B-B Maco Growing Mash

B-B Maco Turkey Fitting Ration

B-B Scratch Feed

Marmico 16% Protein Dairy Feed

Meadow Brook Farms, Nazareth, Pa.

Meadow Brook Farms Dehydrated Alfalfa Meal

Meech & Stoddard, Inc., 76 No. Main St., Middletown, Conn.

M & S Economy Dairy Feed

Red Wing Calf Starter & Grower

Red Wing 15% Dairy Feed

Red Wing Fitting Ration

Red Wing Growing Mash

Red Wing Horse Feed

Red Wing Laying Mash

Red Wing Pig & Hog Feed

Red Wing Starting Mash

Red Wing Stock Feed

Special Balance Growing Mash

Special Balance High Efficiency Complete Growing Mash

Special Balance High Efficiency Complete Laying Mash

Special Balance Laying Mash

Special Balance Needy-Pen Antibiotic Laying Mash

Special Balance Starting Mash

The Mennel Milling Co., 1712 Toledo Trust Bldg., Toledo, Ohio

Memo Wheat Flour Middlings with Mill Run Screenings

Menominee Sugar Co., Green Bay, Wis.

Registered by H. K. Webster Co., Lawrence, Mass.

Dried Beet Pulp

The Merchants Creamery Co., 536 Livingston St., Cincinnati, Ohio

(See also Vitamin D Carriers)

Blue Ribbon "E"ulsion

Blue Ribbon Special

George J. Meyer Malt & Grain Corp., 1314 Niagara St., Buffalo, N. Y.
Malt Sprouts

Miller Alfalfa Co., Jackson & Gorman Sts., Defiance, Ohio
Miller's Choice Brand Dehydrated Alfalfa Meal 17%

Miner-Hillard Milling Co., Wilkes Barre, Pa.
Choice Steam Cooked Hominy Feed
M-H Dairy Feed 18%

Minnesota Linseed Oil Co., 25 44th Ave. N. E., Minneapolis 21, Minn.
Minnesota 36% Protein Solvent Extracted Linseed Oil Meal

Minute Maid Corporation, Leesburg, Fla.
Golden Isle Citrus Pulp
Sunfilled Brand Citrus Pulp

Molson's Brewery, Ltd., Montreal, Canada
Registered by The Yantic Grain & Products Co., Norwich, Conn.
Brewers Dried Grains

Montmorency Distillery Ltd., Beaupre, Canada
Corn Distillers Dried Grains

Geo. Q. Moon & Co. Inc., Binghamton, N. Y.

Moon Baby Chick Grains
Moon Complete Growing Mash
Moon Complete Laying Mash
Moon Complete Starter & Broiler Mash
Moon Dairy Fitting Ration
Moon 16% Dairy Ration
Moon Growing Mash
Moon Hog Feed
Moon Horse Feed
Moon Laying Mash
Moon N. E. Complete Laying Mash
Moon Poultry Fitting Ration
Moon Rabbit Pellets
Moon Scratch Feed
Moon Starter Mash
Moon Super Laying Mash
Moon 16% Test Ration

Fred C. Morse & Son, Guilford, Conn.

Old Mill Chick Starter
Old Mill Complete Pullet Grower
Old Mill 16% Dairy Feed
Old Mill Fitting Feed
Old Mill Growing Mash
Old Mill Hi-Calorie Broiler Finisher
Old Mill Hi-Calorie Broiler Mash
Old Mill Hi-Calorie Complete Layer
Old Mill Hi-Calorie Prime Finisher
Old Mill High-Energy Laying Mash
Old Mill Laying Mash
Old Mill Rabbit Pellets
Old Mill Starting Mash

Mowat, Wilson & Co., 18675 James Couzens Highway, Detroit 35, Mich.

Dried Beet Pulp

Dried Molasses-Beet Pulp (*Mfr'd. by The Manitoba Sugar Co. Ltd., Winnipeg, Canada*)

Nappanee Milling Co., Inc., Nappanee, Ind.

Hominy Feed

National Alfalfa Dehydrating & Milling Co., Lamar, Colo.

Jack Rabbit 17% Protein Dehydrated Alfalfa Meal

National Biscuit Co., Toledo Mill, 2221 Front St., Toledo, Ohio

Namico

Pure Wheat Bran

National Distillers Products Corp., 99 Park Ave., New York 16, N. Y.

Corn Distillers Dried Grains

Nadrisol Brand Corn Distillers Dried Solubles

Produlac Brand Corn Distillers Dried Grains with Solubles

National Foods, Inc., 1224 W. 23rd St., Indianapolis, Ind.

Pulverized Feed Oats

National Fruit Product Co., Inc., Winchester, Va.

White House Dehydrated Apple Pulp

National Vitamin Products Co., 3401 Hiawatha Ave., Minneapolis 6, Minn.

(*See also Vitamin D Carriers*)

Calvita (Trade Mark Reg.) Calf Formula

Neumond, Inc., 300 Merchants Exchange, St. Louis, Mo.

Standard's 13% Suncured Steamed Dairy Cut Alfalfa

New England Milk Producers' Assn'n., West Springfield, Mass.

Registered by Libner Grain Co., Norwalk, Conn.

Non-Fat Dried Milk Solids

New Jersey Menhaden Products Inc., Rio Grande Blvd., Wildwood, N. J.

Hi-Seas Menhaden Fish Meal

Newton Concentrates, P. O. Box 430, Albany 1, N. Y.

Newton Bovine Concentrate (Sweet Fourteen)

Newton Bovine Concentrates (Sweet Super)

Newton Bovine Fitting & Fattening Concentrates

Newton Bovine (Super) Concentrates

Newton Green Roughage Concentrates

Nopco Chemical Co., Harrison, N. J.

(*See also Vitamin D Carriers*)

Nopcay "10" Type IV

Nopdex "3000"

Quadrex "20" Type IV

Northern Ohio Sugar Co., 1530 Sixteenth St., Denver, Colo.

GW Dried Beet Pulp

Ogden Grain Co., Utica, N. Y.

Ogden Breeder Mash
 Ogden Chick Feed
 Ogden Complete Chick Starter
 Ogden Complete Starter Grower Layer Breeder
 Ogden 16% Dairy Feed
 Ogden Developer Feed
 Ogden Fitting Ration
 Ogden Growing Mash
 Ogden Hi-Energy Laying Mash
 Ogden Horse Feed
 Ogden Laying Mash
 Ogden Rabbit Pellets
 Ogden Scratch Grains
 Ogden Super Hi-Energy Laying Mash
 Ogden U-T-K Fitting Ration
 Ogden U-T-K Sweet 16%
 Ogden U-T-K Sweet 18%

Ogilvie Flour Mills Co. Ltd., Montreal, Canada

Ogilvie Wheat Bran

Pabst Brewing Co., 221 N. LaSalle St., Chicago, Ill.

Pabst Yellow Hominy Feed

The Park & Pollard Co., 356 Hertel Ave., Buffalo, N. Y.

Dried Beet Pulp (*Mfr'd. by Buckeye Sugars Inc., Ottawa, Ohio*)
 Emergency Ration 16A
 Green Acres 14%
 Hi-Prime Complete Turkey Finisher
 Hi-Prime Complete Turkey Grower
 Hi-Prime Turkey Fitting Ration
 Hi-Prime Turkey Grower
 Hi-Prime Turkey Starter
 Lay or Bust All Mash Grower
 Lay or Bust All Mash Layer
 Lay or Bust Egg Mash
 Lay or Bust Fleshing Pellets
 Lay or Bust Growing Feed
 Lay or Bust Hi-Power Broiler Finisher
 Lay or Bust Hi-Power 20% Broiler Ration
 Lay or Bust Hi-Power 22% Broiler Ration
 Lay or Bust Hi-Valu Pellets
 Lay or Bust Poultry Fitting Ration
 Milk Maid Bulky Sweet Dairy
 Milk Maid Calf Starter
 Milk Maid 32% Dairy Mix
 Milk Maid 16% Dairy Ration
 Milk Maid 20% Dairy Ration
 Milk Maid Dri-Fresh Ration
 Milk Maid Fitting Ration
 Milk Maid Milk Replacer
 Milk Maid Sheep & Goat Feed
 Milk Maid 14% Test Ration
 Milk Maid 18% Test Ration
 Park & Pollard Complete Chick Starter
 Park & Pollard Complete Grower
 Park & Pollard Complete Layer
 Park & Pollard 16% Dairy
 Park & Pollard Fitting Ration
 Park & Pollard Go-Tu-It Pig Grower
 Park & Pollard Go-Tu-It Pig Starter
 Park & Pollard Growing Feed

The Park & Pollard Co., 356 Hertel Ave., Buffalo, N. Y.—Cont.

Park & Pollard Hi-Speed Horse Feed
Park & Pollard Laying Mash
Park & Pollard Power Pakt Horse Feed
Park & Pollard Rabbit Pellets
Park & Pollard Stock Feed
Red Ribbon 16% Dairy Ration
Red Ribbon 20% Dairy Ration

Parrish & Heimbecker Ltd., Toronto, Canada

Registered by A. S. MacDonald Commission Co. Inc., Boston, Mass.

Parrheim Brewers Dried Grains
Parrheim Pure Wheat Bran

Pasco Packing Co., Dade City, Fla.

Sugar Sweet Citrus Meal
Sugar Sweet Citrus Pulp

Patent Cereals Co., Geneva, N. Y.

Hominy Feed

Penick & Ford Ltd. Inc., Cedar Rapids, Iowa

21% Protein Douglas Corn Gluten Feed

Pet Milk Co., 1401 Arcade Bldg., St. Louis, Mo.

Pet Brand Dry Skimmed Milk

Pierce Feed Co., Inc., Brooklyn, Conn.

Pierce Complete Breeder
Pierce Complete Gro-N-Lay
Pierce Special Breeder
Pierce Special Broiler
Pierce Special Gro-N-Lay
Pierce 20% Starter Mash

Pillsbury Mills, Inc., Minneapolis, Minn.

Pillsbury's Amazon Second Clear
Pillsbury's XX Daisy
Pillsbury's Fancy Wheat Mixed Feed with Ground Wheat Screenings not Exceeding Mill Run
Pillsbury's Hard Wheat A. Middlings with Ground Wheat Screenings not Exceeding Mill Run
Pillsbury's Hard Wheat Bran with Ground Wheat Screenings not Exceeding Mill Run
Pillsbury's Wheat Bran with Ground Wheat Screenings not Exceeding 8%
Pillsbury's Wheat Germ Meal
Pillsbury's Wheat Standard Middlings with Ground Wheat Screenings not Exceeding Mill Run

Pillsbury of Canada Ltd., Midland, Canada

Dandy Wheat Bran
Dandy Wheat Shorts

R. C. Pratt & Co. Ltd., 18 Toronto St., Toronto, Canada

Ruler Brand Pure Wheat Shorts

The Quaker Oats Co., Merchandise Mart Plaza, Chicago, Ill.

Bell Cow Wheat Bran
Bell Cow Wheat Shorts
Feeding Oat Groats
Feeding Steel Cut Oat Groats
Ful-O-Pep AA 32% Dairy Concentrate
Ful-O-Pep Broiler Finisher
Ful-O-Pep Bulky Boss
Ful-O-Pep Cage Layer
Ful-O-Pep Calf Starter
Ful-O-Pep Chick Starter
Ful-O-Pep Crate Fattener
Ful-O-Pep 32% Dairy Concentrate
Ful-O-Pep 40% Dairy Concentrate
Ful-O-Pep Derwood Horse Crunch
Ful-O-Pep Egg-Breeder Mash
Ful-O-Pep Egg-Breeder Ration
Ful-O-Pep Egg Mash
Ful-O-Pep Egg Ration
Ful-O-Pep Fattening Feed Pellets (Special)
Ful-O-Pep Fine Chick Grains
Ful-O-Pep Fitting Feed
Ful-O-Pep Goat Feed
Ful-O-Pep Growing Mash
Ful-O-Pep Growing Ration
Ful-O-Pep High Sweet Blend
Ful-O-Pep Horse Feed
Ful-O-Pep Laying Mash
Ful-O-Pep Laying Ration
Ful-O-Pep Milking Feed
Ful-O-Pep Pig-N-Sow Ration
Ful-O-Pep Pig Starter
Ful-O-Pep Pork Ration (A Complete Hog Feed)
Ful-O-Pep 36% Poultry Concentrate
Ful-O-Pep Poultry Station Feed
Ful-O-Pep Pro-Sweet Supplement
Ful-O-Pep Rabbit Ration
Ful-O-Pep Sow Ration
Ful-O-Pep Sow Supplement
Ful-O-Pep Super Greens Pellets
Ful-O-Pep Sweet 16 Dairy Feed
Ful-O-Pep Turkey Breeder
Ful-O-Pep 17% Turkey (Broiler) Finisher Ration
Ful-O-Pep Turkey Finisher Pellets
Ful-O-Pep 26% Turkey Grower
Ful-O-Pep 20% Turkey Grower Ration
Ful-O-Pep Turkey Starter
Muffets Shredded Wheat Feed
Peterborough Oat Mill By-Product
Quaker Sugared Schumacher Feed
Screened Cracked Corn
Sugared Vim Feed
Vim Oat Meal By-Product
Yellow Hominy Feed

Ralston Purina Co., 835 S. Eighth St., St. Louis, Mo.

Corn & Oat Provender
Dairy Premix
Emergency Mixed Feed A (E)
Emergency Mixed Feed B (E)
Northeastern Scratch Feed
Northeastern Scratch Feed (For Pullets)
41% Protein Cottonseed Meal
41% Protein Solvent Extracted Cottonseed Meal
Purina B & M Cow Chow

Ralston Purina Co., 835 S. Eighth St., St. Louis, Mo.—Cont.

Purina B & M Cow Chow D
Purina Beef Chow
Purina Breeder Lay Chow E
Purina Breeder Lay Chow S
Purina Breeder Layena (Complete Ration) E
Purina Broiler Chow E
Purina Broiler Chow Finisher E
Purina Broiler Fattener E
Purina Bulky Las
Purina Calf Startena E
Purina Chick Chow (Coarse)
Purina Chick Chow (Fine)
Purina Chick Growena E
Purina Chick Growing Chow E
Purina Complete Sow & Pig Chow E
Purina Cow Chow 14%
Purina Cow Chow 16%
Purina Cow Chow 18%
Purina Cow Chow 16% (Coarse)
Purina Cow Chow Concentrate
Purina Cow Chow 18% D
Purina Cow Chow E 16%
Purina Cow Chow 16% (Fine)
Purina Cow Chow Supplement
Purina D & F Chow
Purina D & F Chow E
Purina 14% Dairy Chow
Purina 16% Dairy Chow
Purina 18% Dairy Chow
Purina Duck Breeder Layena E
Purina Duck Growena E
Purina Duck Startena E
Purina Egg Chow E
Purina Eggena E
Purina Flock Chow E
Purina Fox Chow
Purina Fox Chow (Without Meat Meal)
Purina Game Bird Breeder Layena (Complete Ration)
Purina Game Bird Growena E
Purina Game Bird Startena
Purina Goat Chow E
Purina Hog Chow Supplement
Purina Hog Fatena E
Purina Lay Chow E
Purina Lay Chow S
Purina Layena (Complete Ration) E
Purina Milk Chow E 16%
Purina Mink Chow
Purina Mink Chow E
Purina Nursing Chow
Purina Omolene
Purina Pigeon Chow Checkers E
Purina Pig Startena E
Purina Poultry Booster Chow E
Purina Pullet Developer E
Purina Rabbit Chow Checkers (20%)
Purina Rabbit Chow Checkers (Complete Ration) E
Purina Rabbit Chow Checkers WO (E)
Purina Range Checkers
Purina Roaster Chow E
Purina Sow & Pig Chow (Supplement)
Purina Special Steer Fatena
Purina Steer Fatena 65%
Purina Super Breeder Lay Chow
Purina Super Breeder Layena (Complete Ration)

Ralston Purina Co., 835 S. Eighth St., St. Louis, Mo.—Cont.

Purina Super Lay Chow E
 Purina Super Layena (Complete Ration) E
 Purina Turkey Breeder Developer E
 Purina Turkey Breeder Layena E
 Purina Turkey Fatena E
 Purina Turkey Growena E
 Purina Turkey Pre-Starter E
 Purina Turkey Startena E

Reading Milling Co., Inc., Reading, Pa.

Customer's Turkey Grower (Pellets)
 Faramel Rabbit Food Pellets

Red Star Yeast and Products Co., 221 E. Buffalo St., Milwaukee, Wis.

Torafeed Brand Dried Torula Yeast

Reliable Grain & Fuel Co., 176 Westfield Ave., Ansonia, Conn.

Reliable 16% Dairy Feed

James Richardson & Sons, Ltd., 2 King St. East, Ontario, Canada

Topnotch Wheat Bran (*Mfr'd. by Topnotch Flour Mills, Seaforth, Canada*)
 Topnotch Wheat Shorts (*Mfr'd. by Topnotch Flour Mills, Seaforth, Canada*)

Riverside Elevator Co., 1366 Penobscot Bldg., Detroit, Mich.

Corn Distillers' Dried Grains (*Mfr'd. by Gooderham & Worts Ltd., Toronto, Canada*)
 Corn Distillers' Dried Grains (*Mfr'd. by Hiram Walker & Sons Ltd., Walkerville, Canada*)
 Walker's Stimulav (Corn Distillers' Dried Solubles) (*Mfr'd. by Hiram Walker & Sons Ltd., Walkerville, Canada*)

H. M. Rubin Co., Inc., 53-01 Vernon Blvd., Long Island City, N. Y.

50% Rubco Meat & Bone Meal
 55% Rubco Meat & Bone Meal

Russell-Miller Milling Co., 860 Grain Exchange, Minneapolis 15, Minn.

Occident Wheat Bran
 Occident Wheat Mixed Feed with Ground Wheat Screenings not Exceeding Mill Run or 8%
 Occident Wheat Standard Middlings with Ground Wheat Screenings not Exceeding Mill Run or 8%
 Wheat Germ
 Wheat Red Dog

Wolf Savitsky & Sons, Inc., Foot of White St., Shelton, Conn.

Wolf's Calf Ration
 Wolf's Complete Hi-Eff Egg Breeder Mash
 Wolf's Complete Hi-Eff Growing Mash
 Wolf's Egg Mash
 Wolf's Hi-Speed Starter & Broiler Ration
 Wolf's Horse Feed
 Wolf's Performo-Las
 Wolf's Pig & Hog Feed
 Wolf's Super Hi-Eff Starter & Broiler Ration
 Wolf's Sweetened 14% Dairy Ration
 Wolf's Sweetened 16% Dairy Ration
 Wolf's Sweetened 18% Dairy Ration
 Wolf's Sweetened 20% Dairy Ration

Schenley Distillers, Inc., 350 Fifth Ave., New York 1, N. Y.

Schenley Mark of Merit Corn Distillers Dried Grain with Solubles
Schenley Soludri Corn Distillers Dried Solubles

Schoeneck Farms, Inc., R. D. No. 3, Nazareth, Pa.

Schoeneck's Super-Green Dehydrated Alfalfa Meal

Sea Board Supply Co., 35th & Grays Ferry Ave., Philadelphia 46, Pa.

Crab Meal
Dried Tomato Pomace

Joseph E. Seagram & Sons, Inc., Seventh Street Rd., Louisville, Ky.

Seagram's Corn Distillers Dried Grains 24%
Seagram's Corn Distillers Dried Grains 26%
Seagram's Corn Distillers Dried Solubles

Seymour Grain & Coal Co., 100 Main St., Seymour, Conn.

Miracle All-Mash Layer
Miracle Dairy
Miracle Fitting Ration
Miracle Grower
Miracle 20% Grower
Miracle Laying Mash
Miracle Scratch Feed
New England Mash
See-More Milk Dairy Ration 18%
See-More Milk Dairy Ration 20%

The Sherwin-Williams Co., 101 Prospect Ave. N.W., Cleveland, Ohio

Sherwin-Williams 34% Linseed Oil Meal (A Blend of Expeller and Solvent Extracted Meals)

Sherwood Feed Mills, Inc., 500 President St., Baltimore, Md.

Registered by A. S. MacDonald Commission Co., Boston, Mass.
Brewer's Dried Grains

Sherriff-Horsey Corporation Ltd., Plant City, Fla.

J. William Horsey Brand Dried Citrus Pulp

Silmo Laboratories, Vineland, N. J.

(See also Vitamin D Carriers)
Vit-ad 1500
Vitay 3000
Vitay 5000
Vit-D-1500

David Small, East Hartford, Conn.

Registered by Yieldmor Feeds, Inc., Piqua, Ohio
David Small High Efficiency All Mash Breeder

The W. J. Small Co., Div. Archer-Daniels-Midland Co., 1200 Oak St., Kansas City, Mo.

Small's 17% Dehydrated Alfalfa Meal
Small's 20% Dehydrated Alfalfa Meal

Allen V. Smith Inc., Marcellus Falls, N. Y.

Smith's Barley Feed (Red Tag Brand)

B. T. Smith Concentrates, Inc., P. O. Box 398, Lakeland, Fla.
B. T. Smith Brand Dried Citrus Pulp

J. Howard Smith, Inc., Port Monmouth, N. J.
Smith's "Lifeline" Fish Meal

The Smith Meal Co. Inc., Amagansett, N. Y.
Smith's Life Line Fish Meal

Southern Fruit Distributors Inc., Orlando, Fla.
Bluebird Citrus Pulp

South Windsor Grain Co., South Windsor, Conn.
Valley Laying Mash

A. E. Staley Manufacturing Co., Decatur, Ill.
Staley's 21% Corn Gluten Feed
Staley's 41% Corn Gluten Meal
Staley's HI-PRO-CON 50% Protein Dehulled Solvent Extracted Soybean Oil Meal
Staley's 44% Protein Solvent Extracted Soybean Oil Meal

Standard Brands Inc., 595 Madison Ave., New York 22, N. Y.
(See also *Vitamin D Carriers*)
Fleischmann's FIDY Type 36-F Irradiated Dry Yeast

D. A. Stickell & Sons, Inc., 67 West Baltimore St., Hagerstown, Md.
Su-Pur Rabbit Pellets

Suni-Citrus Products Co., Haines City, Fla.
Registered by Cocke & Co., Atlanta, Ga.
Suni-Citrus Meal
Sweet Suni-Citrus Pulp

Sunny Slope Farms, Inc., Nazareth, Pa.
Sunny Slope Farms Brand Dehydrated Alfalfa Meal

Sunshine Biscuits, Inc., Milling Div., Grafton, Ohio
UMC Wheat Bran-Pure Wheat Bran
UMC Wheat Middlings (with Ground Screenings not Exceeding Mill Run)

Sunshine Biscuits, Inc., Milling Div., Kansas City, Kansas
U.M.C. Wheat Bran-Pure Wheat Bran

Swift & Company, Box 110, Fostoria, Ohio
Swift's 36% Protein Cottonseed Meal or Pellets
Swift's 41% Protein Cottonseed Meal or Pellets
Swift's 44% Protein Solvent Extracted Soybean Oil Meal

The Thomaston Supply Co., Inc., Thomaston, Conn.
Thomaston 18% Dairy Ration
Thomaston Dry Stock Feed

Topnotch Flour Mills, Seaforth, Canada
Registered by James Richardson & Sons, Ltd., Ontario, Canada
Topnotch Wheat Bran
Topnotch Wheat Shorts

Toronto Elevators Limited, 206 Board of Trade Bldg., Montreal, Canada

Labatt's Dried Brewers Grains (*Mfr'd. by John Labatt Ltd., Ville LaSalle, Quebec, Canada*)

Trexler Springwood Farms Division, 1227 Hamilton St., Allentown, Pa.

17% "Buffalo Brand" Dehydrated Alfalfa Meal

Tri Associates, Inc., 8500 Pillsbury Ave. South, Minneapolis, Minn.

(*See also Vitamin D Carriers*)

Tri's Grade A Calf Milk-Replacer

Trico Feed Mills, Inc., Minden, Nebr.

Dehydrated Alfalfa Meal

Ultra-Life Laboratories, Inc., 35th & Walnut Sts., East St. Louis, Ill.

Ultra Brand Poul-Centrate

Ultra-Life Beef-Gro

Ultra-Life Calf Food Pellets

Ultra-Life High Energy Poultry

Ultra-Life Livestock

Ultra-Life New Turkey-Gro

Ultra-Life Pig-Gro

Union Sales Corp., Dist. for Union Starch & Refining Co., Inc., 301 Washington St., Columbus, Ind.

Union Corn Gluten Feed

United Co-operative Farmers, Inc., 339 Broad St., Fitchburg, Mass.

UCF All Mash Breeder

UCF All Mash Grower & Layer

UCF Breeder

UCF Broiler Mash

UCF Calf Meal

UCF Calf Starter

UCF 16% Dairy

UCF 20% Dairy

UCF Dry & Freshening Ration

UCF Egg Mash

UCF Fitting Ration

UCF Grower

UCF Hi NRG All Mash

UCF Hi NRG All Mash Grower & Layer

UCF Hi NRG Poultry Finishing Ration

UCF Horse Feed

UCF Layer

UCF Milkmaker

UCF Mix Feed

UCF Pig & Hog Feed

UCF Poultry Fattening Ration

UCF Poultry Fitting Ration

UCF Stock Feed

UCF Super Broiler Mash

UCF 16% Super Dairy

UCF Super Starter

UCF Turkey Grower & Fattener

UCF Turkey Starter

Unity Feeds Inc., 177 Milk St., Boston, Mass.

Paycheck 18% Dairy Ration

Unity Bulky Mix Ration

Unity Feeds Inc., 177 Milk St., Boston, Mass.—Cont.

Unity Calving Ration
 Unity Complete Rabbit Pellets
 Unity Dairy & Fitting Ration
 Unity 16% Dairy Ration
 Unity 20% Dairy Ration
 Unity Growing & Laying Mash
 Unity High Energy Breeder Mash
 Unity High Energy Growing & Laying Mash
 Unity Horse Feed
 Unity Improved Calf Ration
 Unity Pig & Hog Ration
 Unity Scratch Feed
 Unity Turkey Finishing Pellets
 Unity Turkey & Game Bird Growing Mash

Universal Grain Co. of New Jersey, 425 South St., Newark, N. J.

Superior Cow Brand Dried Brewers Grains

Hiram Walker & Sons, Inc., Foot of Edmund St., Peoria, Ill.

Corn Distillers' Dried Grains with Solubles

Hiram Walker & Sons Ltd., Walkerville, Ontario, Canada

Registered by Riverside Elevator Co., Detroit, Mich.

Corn Distillers' Dried Grains

Walker's Stimuflav (Corn Distillers' Dried Solubles)

Wm. S. Warren & Son, Eastford, Conn.

Registered by Camp Milling Co., Inc., Walton, New York

Registered by Clyde Milling Corp., Clyde, N. Y.

Registered by Crawford Brothers, Inc., Walton, N. Y.

Registered by Delaware Mills, Inc., Deposit, N. Y.

Warren's Broiler Mash (*Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.*)

Warren's Calf Starter (*Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.*)

Warren's Chick Starter (*Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.*)

Warren's Complete Growing Mash (*Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.*)

Warren's Complete Growing Mash (*Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.*)

Warren's Complete Layer (*Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.*)

Warren's Complete Laying Mash (*Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.*)

Warren's Dairy Fitting Ration (*Mfr'd. by Clyde Milling Corp., Clyde, N. Y.*)

Warren's 16 Dairy Ration (*Mfr'd. by Clyde Milling Corp., Clyde, N. Y.*)

Warren's Fitting Ration (*Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.*)

Warren's Growing Mash (*Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.*)

Warren's Growing Mash (*Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.*)

Warren's H-E Grower (*Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.*)

Warren's H-E Layer (*Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.*)

Warren's Indian 16% Dairy (*Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.*)

Warren's Laying Mash (*Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.*)

Warren's Laying Mash (*Mfr'd. by Clyde Milling Corp., Clyde, N. Y.*)

Warren's Laying Mash (*Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.*)

Warren's 16% Milk Flow (*Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.*)

Warren's Milkproducer 16% Dairy Feed (*Mfr'd. by Camp Milling Co., Inc., Walton, N. Y.*)

Warren's Milkproducer 16% Dairy Feed (*Mfr'd. by Crawford Brothers, Inc., Walton, N. Y.*)

Warren's 16% Test Ration (*Mfr'd. by Delaware Mills, Inc., Deposit, N. Y.*)

The Watertown Co-operative Ass'n., Inc., 27 Depot St., Watertown, Conn.

Watertown Co-op 16% Dairy Feed

H. K. Webster Co., Lawrence, Mass.

Blue Seal 16 "A" Dairy Ration
Blue Seal 16 "B" Dairy Ration
Blue Seal Advance Broiler
Blue Seal All-Mash Breeder's Ration
Blue Seal All-Mash Egg Ration
Blue Seal All-Mash Growing Ration
Blue Seal Calf Starter
Blue Seal Chick Feed
Blue Seal Coarse "16" Dairy Ration
Blue Seal Coarse "20" Dairy Ration
Blue Seal "32" Dairy Concentrate
Blue Seal Economizer "16" Dairy Ration
Blue Seal Egg Mash
Blue Seal Fat & Finish Ration
Blue Seal Fine "16" Dairy Ration
Blue Seal Fine "20" Dairy Ration
Blue Seal Fitting Ration
Blue Seal Goat Feed
Blue Seal Growing Mash
Blue Seal Horse Feed
Blue Seal Pig Feed
Blue Seal Poultry & Turkey Fitting
Blue Seal Rabbit Pellets
Blue Seal Standard "16" Dairy Ration
Blue Seal Standard 20 Dairy Ration
Blue Seal Succulent Feed & Calving Ration
Blue Seal Super Breeder's Mash
Blue Seal Test Ration
Blue Seal Turkey Growing
Dried Beet Pulp (*Mfr'd. by Menominee Sugar Co., Green Bay, Wis.*)

Western Condensing Co., Box 739, Appleton, Wis.

(*See also Vitamin D Carriers*)

Peebles' Free Choice Feed
Peebles' Poultry Fare
Peebles' Poultry Premix
Peebles' Super Calf-Kit

West-Nesbitt Inc., 26-34 Market St., Oneonta, N. Y.

All Pure Milk Ration
Cream-Line 16% Dairy Ration
Cream-Line Dairy Test Ration
Cream-Line Fitting Ration 14%
Pure Feed Chick Grains
Pure Feed Complete Grower
Pure Feed Complete Layer-Breeder
Pure Feed Complete Rabbit Pellets
Pure Feed Dairy Ration
Pure Feed Dairy-Test Ration
Pure Feed Egg & Breeder Mash
Pure Feed Egg Maker
Pure Feed 14% Fitting Ration
Pure Feed Growing Mash
Pure Feed Horse Ration
Pure Feed Starting Mash
Pure Feed Swine Ration
Pure Feed Turkey Finisher
Pure Feed Turkey Grower
Pure Feed Turkey Starter
Surplus Grain Ration Mixed Feed A

A. C. Wetherell, Suffield, Conn.

Special Dairy Mixture No. 3

Whitmoyer Laboratories, Inc., Myerstown, Pa.

(See also Vitamin D Carriers)

Clo-Meal

Flav-A-Dee

Whitmoyer Quality 60% Fish Meal

Wilbur-Ellis Co., 40 Worth St., New York, N. Y.

Norwegian Herring Meal

Wilkins-Rogers Milling Co., Inc., 3261 K St. N.W., Washington, D. C.

Washington Coarse Scratch Feed

Washington Horse Feed

Washington Laying Mash

Wyatt Alfalfa Mill, Wyatt, Mo.

W.A.M. 17% Dehydrated Alfalfa Meal

The Yantic Grain & Products Co., 3 Cove St., Norwich, Conn.

Brewers Dried Grains (*Mfr'd. by Molson's Brewery, Ltd., Montreal, Canada*)

Big Y All in All Egg Ration

Big Y All in All Growing Ration

Big Y Breeder Mash

Big Y Calving Ration

Big Y Chick Scratch Grain

Big Y Complete Calf Starter & Builder

Big Y Confinement Growing Mash

Big Y Dairy & Fitting Ration

Big Y 16% Dairy Ration

Big Y 18% Dairy Ration

Big Y 20% Dairy Ration

Big Y 32% Dairy Supplement Feed

Big Y Egg Maker

Big Y Fattening Pellets

Big Y Fitting Ration

Big Y Hi-Efficiency Breeder Ration

Big Y Hi-Efficiency Grower

Big Y Hi-Efficiency Laying Mash

Big Y Hi-G Dairy Ration

Big Y Hog & Pig Ration

Big Y Horse Feed

Big Y Improved Al-Mo

Big Y Improved Broiler Finisher

Big Y Improved Broiler & Starter Ration

Big Y Improved Turkey Starter & Game Bird Feed

Big Y Intermediate Chick Grain

Big Y 20% Laying Mash

Big Y M&O Growing Feed

Big Y M&O Laying Mash 18%

Big Y Meat Pullet & Caponette Ration

Big Y Peerless Broiler & Starter Ration

Big Y Poultry Fitting Ration

Big Y Progressive Growing Feed

Big Y Purity Dairy Ration 16%

Big Y Rabbit Pellets

Big Y Sheep & Goat Feed

Big Y Six-Week Broiler Pellets

Big Y Stock Feed

Big Y Super Starter-Broiler Ration

Big Y Supreme Laying Mash

Big Y Test Cow Ration

Big Y Turkey Fattener

Big Y Turkey Growing Feed

Connecticut Flood Emergency Mixed Feed A

Yieldmor Feeds, Inc., 101 S. Downing St., Piqua, Ohio

Locust Grove Breeder Mash (*Mfr'd. for Locust Grove Hatchery, Plainfield, Conn.*)
David Small High Efficiency All Mash Breeder (*Mfr'd. for David Small, East Hartford, Conn.*)
Yieldmor 14% Dairy Fitting Ration
Yieldmor 16% Dairy Feed
Yieldmor High Efficiency All Mash Breeder
Yieldmor Hi-Energy Layer-Grower Mash
Yieldmor 14% Hog Fattener
Yieldmor Horse Feed
Yieldmor One Day Station Fattener Pellets
Yieldmor Poultry Fitting Ration
Yieldmor Rabbit Pellets
Yieldmor Station Fattener Pellets
Yieldmor Sweet Feed

Meyer Zausner Inc., New Holland, Lancaster Co., Pa.

Zausner Condensed Whole Whey

VITAMIN D CARRIERS**Astrol Products, Inc., 57-59 Commerce St., Brooklyn 31, N. Y.**

C.C.C.F. Pre Mix

The Beacon Milling Co., Inc., Cayuga, N. Y.

(*See also Feeds*)

Beacon High Vitamin D₂ Mix

The Borden Co., Special Products Div., 350 Madison Ave., New York, N. Y.

(*See also Feeds*)

Borden's Dry D

Central Conn. Co-operative Farmers' Ass'n., Inc., 10 Apel Place, Manchester, Conn.

(*See also Feeds*)

Honest Brand Aureomycin Mix 100 Grams

Honest Brand Aureomycin Mix 200 Grams

Consolidated Products Co., Danville, Ill.

(*See also Feeds*)

Kaff-A

Pex for Broilers

Pex for Layers-Breeders

Pex for Poultry

Dawe's Laboratories, Inc., 4800 So. Richmond St., Chicago, Ill.

(*See also Feeds*)

Dawe's Fermentation Flavonne

Flavonne Ribo-D

Flavonne Ribo-D Special Blend No. 660

Dawnwood Farms, Smithfield Rd., Amenia, N. Y.

(*See also Feeds*)

Dawnwood Farms CAF-STAR Formula Feed for Calves

E. I. du Pont de Nemours and Company, Wilmington, Del.

(See also Feeds)

DU PONT DELSTEROL 1500-D, "D" Activated Animal Sterol (Vitamin D₃) in Corn Meal

DU PONT DELSTEROL 3000-D, "D" Activated Animal Sterol (Vitamin D₃) in Corn Meal

Eastern States Farmers' Exchange, Inc., West Springfield, Mass.

(See also Feeds)

Calfsaver Tablets

The Fox Co., Newfield, N. J.

(See also Feeds)

Foxco Dependable Dry 1500D

Foxco Qualadee A & D Feeding Oil

Foxco Vitamin D Feeding Oil

Gorton-Pew Fisheries Co. Ltd., 327 Main St., Gloucester, Mass.

(See also Feeds)

Gorton's A1-Blend "Junior"

Gorton's A1-Blend "Senior"

Gorton's Mar-Vi-Tic Blend

Hoham Laboratories, Inc., Auburn, Ind.

(See also Feeds)

Fashion Club "Formula 29" Horse & Pony Supplement

McKesson & Robbins, Inc., 225 Fourth Ave., New York 3, N. Y.

Cod Liver Oil USP Medicinal-High Potency

Marine Products Co., 339-349 W. First St., Boston 27, Mass.

Veterinary Cod Liver Oil

The Merchants Creamery Co., 536 Livingston St., Cincinnati, Ohio

(See also Feeds)

Blue Ribbon "E"ulsion

Merck & Co., Inc., Rahway, N. J.

No. 288 Vitamin Mixture

Myzon, Inc., 3129 W. 47th St., Chicago, Ill.

Myzon Formula 62 Poultry Builder

Myzon Poultry Bracer

Myzon Poultry Builder

Myzon Swine Builder

National Vitamin Products Co., 3401 Hiawatha Ave., Minneapolis 6, Minn.

(See also Feeds)

Calvita (Trade Mark Reg.) Calf Formula

Nopco Chemical Co., Harrison, N. J.

(See also Feeds)

Nopco XXX

Nopdex "3000"

Quadrex "20" Type IV

Silmo Laboratories, Vineland, N. J.*(See also Feeds)*

Liverol
 Silmo X
 Silmo XX
 Vit-ad 1500
 Vit-D-150 M
 Vit-D-1500

Stabilized Vitamins, Inc., 57 Commerce St., Brooklyn 31, N. Y.

Perma-Mix
 Perma-Mix C.C.C. No. 1
 Perma-Mix C.C.C. No. 2
 Perma-Mix C.C.C. No. 3
 Perma-Mix C.C.C. No. 4

Standard Brands, Inc., 595 Madison Ave., New York 22, N. Y.*(See also Feeds)*

Fleischmann's FIDY Type 36-F Irradiated Dry Yeast

Tri Associates, Inc., 8500 Pillsbury Ave. South, Minneapolis, Minn.*(See also Feeds)*

Tri's Grade A Calf Milk-Replacer

Western Condensing Co., Box 739, Appleton, Wis.*(See also Feeds)*

Peebles' Free Choice Feed
 Peebles' Poultry Fare
 Peebles' Super Calf-Kit

Whitmoyer Laboratories, Inc., Myerstown, Pa.*(See also Feeds)*

Dri-Col
 Flav-A-Dee
 Whitcod
 Whitcod Pure Cod Liver Oil USP Non Destearinated
 Whitmoyer 85 D Feeding Oil
 Whitmoyer Quality Vitamin A & D Feeding Oil

SUMMARY OF INSPECTION

In the calendar year 1956, a total of 1,897 samples was examined. This total included official samples of commercial feeds, carriers of vitamin D and other vitamins, medicated feeds, and miscellaneous materials as shown in the following summary:

Biological specimens analyzed for poison.....	172
Check feeds, A.A.F.C.O., etc.....	17
Commercial feeding stuffs, official samples.....	938
Medicated feeds.....	64
Miscellaneous feeds, etc., analyzed for purchasers.....	92
Niacin and riboflavin carriers.....	12
Oat products.....	11
Pasture grass, etc., samples for Storrs Station.....	507
Vitamin D carriers, official samples.....	84

1,897

Samples examined for Storrs Station are in connection with investigations carried on by that Station and are not for discussion in this report.

Commercial Feeding Stuffs

The results of analyses of official inspection samples, other than vitamin D carriers, are summarized as follows:

Total number of samples.....	938
Samples deficient in:	
one item.....	89
two items.....	7.....
Percentage of samples meeting guaranties	96
Total guaranties made.....	90
Guaranties not met:	2,806 ¹
protein.....	25
fat.....	63
fiber.....	15.....
Percentage of guaranties met.....	103
	96

Thirty-two more samples were analyzed in 1956 than 1955, yet 13 fewer samples failed to meet all guaranties; the percentage of samples meeting all claims rose from 87 to 90. As has been the case for the past eight years, deficiencies in fat exceeded those for protein and fiber combined.

Despite this not-too-satisfactory situation with regard to fat guaranties, overall compliance with labelled claims must be considered very good, since 96 per cent of all guaranties were met. (This is the same percentage found in 1955.)

Chemical analyses are given in Table 1; deficiencies are shown in bold face type.

Vitamin D Carriers

Eighty-four samples of vitamin D carriers were examined during the year—over two-and-one half times as many as were tested in 1955. Results of biological assays are summarized in Table 2; assays of poultry feed supplements were made by the official A.O.A.C. Method 38.77 using day-old chicks, while the U.S.P. method using rats was employed for feed supplements for four-footed animals. Seventy-nine samples, or 94 per cent, met their guaranteed potencies or were sufficiently close thereto to be passed; this is a much better showing than the 78 per cent of last year.

During the entire 20-year period from 1937 to 1956 inclusive, 1,043 samples have been examined, of which 939, or 90 per cent, have been passed.

Twelve of this year's samples bore guaranties of niacin and riboflavin as well as of vitamin D, and one other sample guaranteed niacin

¹ Two samples with two guaranties and three with only one guaranty.

and vitamin D but not riboflavin. All were assayed for these other vitamins by official microbiological methods, with results as shown in footnotes 3 to 15 of Table 2. Nine samples, or 69 per cent, came within ± 20 per cent of the claimed amounts of both niacin and riboflavin as well as assaying satisfactorily for vitamin D; two were more than 20 per cent over guaranty in both niacin and riboflavin; one was too low in riboflavin and too high in niacin; and one passed its riboflavin guaranty but contained an excess of niacin.

Niacin and Riboflavin Carriers

While vitamin D supplements have been required to be registered in this State since 1937, and have been sampled and assayed during all of that period, sources of other vitamins have been exempted from registration because laboratory facilities to check their guaranties were not available. In 1954, however, a start was made in setting up a microbiological laboratory under Dr. Lester Hankin (who had succeeded Dr. Hubbell when she retired) for the purpose of expanding the number of vitamins that could be tested for. While the registration policy still remained unchanged in 1956, this year 12 samples of materials sold as sources of niacin and riboflavin but not vitamin D were picked up and assayed in addition to the 13 vitamin D-niacin-riboflavin samples listed in Table 2. Results on these samples are given in Table 3; ten, or 83 per cent, came within ± 20 per cent of all guaranties, and one each contained respectively excessive niacin and a slight excess of riboflavin.

Medicated Feeds

Medicated feeds were still not required to be registered in 1956, but 64 samples were taken (mostly by Food and Drug Commission Inspector William Stroffolino) and analyzed for their drug contents. Twenty-nine of these, or 45 per cent, met all guaranties, while 35 were deficient in one or more respects. Twenty-four samples contained sulfaquinoxaline (of which two also contained arsanilic acid); 37 contained nicarbazin (22 of these also contained arsanilic acid, and three others contained 3-nitro-4-hydroxyphenylarsonic acid); and one each contained furazolidone, 4-nitrophenylarsonic acid ("Histostat"), 3-nitro-4-hydroxyphenylarsonic acid and phenothiazine. Analyses of the sulfaquinoxaline feeds are given in Table 4; of the nicarbazin feeds in Table 5; and of the four feeds containing miscellaneous drugs in Table 6.

"Nicarbazin" is the trade name for an equimolecular mixture (or molecular compound) of 4,4'-dinitrocarbanilide (4,4'-dinitrodiphenyl urea) and 2-hydroxy-4,6-dimethylpyrimidine which has been introduced recently as a coccidiostat. It is apparently a more effective drug for this purpose than sulfaquinoxaline or nitrophenide, but cannot be given to laying hens because of its adverse effects on the hatchability and shell color of their eggs. (Extremely small proportions of nicarbazin in the feed cause hens to lay mottled eggs.) Feeds medicated with nicarbazin appeared on the market for the first time in 1956, and the fact that nicarbazin was a new drug may account in part for the

large proportion of these feeds which were found deficient; delays between sampling and analysis may also have played a part, although feeds sampled and analyzed side-by-side with deficient feeds were found to be satisfactory. In any case, 22 of the 37 nicarbazin feeds, or 60 per cent, failed to meet their guaranties for this drug when analyzed, whereas the percentage of sulfaquinoxaline feeds falling below guaranty was only 21.

Oat Products

Feed Regulation 1 exempts from registration "meals made from whole grains when not mixed with other materials or with each other". For this reason this Station rarely sampled ground oats in the past. However, last year¹, because of the fact that microscopic examination of mixed feeds declaring "ground oats" as an ingredient had frequently shown the presence of oat hulls only, a number of market oat products were sampled and analyzed. This survey was repeated in 1956; analyses are given in Table 7.

Of the 11 samples, only seven were actually labelled as "oats", "ground oats" or "pulverized oats"; five of these met all their guaranties and showed analyses that were normal for whole oats². Of the other four samples, three were tagged "Oat Mill By-Product" and one was labelled "Oat Huller Feed". According to Official Definition 159 of the Association of American Feed Control Officials³, "**Oat Mill By-Product** is the entire by-product obtained in the manufacture of oat groats and consists of oat hulls, and particles of the groat. It shall contain not more than 32 per cent crude fiber." The three samples bearing this name complied with this definition, and no exception can be taken to them as sold; if they showed up in mixed feeds whose tags declared "ground oats", however, such feeds would be in violation of the law. "Oat Huller Feed" is not a recognized name, and the one feed so labelled (Peterborough Oat Huller Feed, Sample 9305) bore a fiber guaranty in excess of 32 per cent. Anything containing as much fiber as this should be labelled simply "Oat Hulls"; however, the actual fiber content of the sample was considerably lower than the guaranty, being only 28.82 per cent, so this brand could have met the standard for "Oat Mill By-Product".

Miscellaneous Feeds

Ninety-two unofficial samples of feed and fodder materials were examined. This total included commercial feeds carried over from stock purchased by dealers prior to 1956, other mixed feeds and feed ingredients analyzed at the request of purchasers and dealers, and samples of hay and silage submitted by farmers. Nine samples were examined for the Federal Correctional Institution at Danbury for compliance with their purchasing specifications; four of these were analyzed for sulfaquinoxaline as well as for protein, fat and fiber, and in two cases no drug was found where 0.0175 per cent was claimed by the manufacturer to have been added.

¹ *Conn. Agr. Expt. Sta. Bul.* 598, 41 (1956).

² Frank B. Morrison, "Feeds and Feeding", 21st Ed., p. 1124 (1948).

³ *Official Publication, Association of American Feed Control Officials, Incorporated, 1957, p. 40.*

Results from microscopic examination of the following samples may prove of interest:

6775. *Breeder Mash*. Yantic Grain & Products Co., Norwich, Conn. This sample and one from another manufacturer were custom mixes put up on orders from the Locust Grove Hatchery, Plainfield, Conn., which specified that they should contain (besides other ingredients) 100 pounds of 60% protein fish meal per ton. Microscopic examination of Sample 6775 failed at first to reveal any fish meal at all; when the manufacturer questioned our findings we did eventually find a trace of fish meal, but comparison with authentic mixtures prepared according to the Locust Grove Hatchery formula using varying proportions of the manufacturer's own fish meal proved that Sample 6775 contained less than one per cent of this ingredient instead of the five per cent called for.

6492. *Eastern States All-Mash Breeder Mash*. Eastern States Farmers' Exchange, Inc., West Springfield, Mass. Microscopic examination confirmed the declared presence of dehydrated alfalfa leaf meal, yellow corn meal, corn gluten meal, fish meal, meat and bone scrap, molasses, soybean oil meal, calcium carbonate, dicalcium phosphate and salt, but the feed was badly stratified into dark green layers (predominantly alfalfa) and lighter-colored layers (composed primarily of corn).

As usual, a number of materials were submitted because they were suspected of having caused the illness or death of animals. In only three cases was anything found that could conceivably bear any causative relation to such illnesses: A sample of alfalfa hay (8531) from a field adjoining a tobacco crop that was known to have been sprayed with various pesticides was shown to contain some unidentified steam-distillable material which was toxic to goldfish and mosquitoes; some corn silage (6822) was contaminated with silt from floods; and a sample of dog food claimed to have been baited with Warfarin to kill rats (6315) was proved to contain 250 parts per million of barium. (This last sample may actually have caused a dog's death; there were no known casualties from the other two.)

In addition to the three contaminated feeds listed above, five samples were analyzed for nicarbazin because of complaints that eggs from hens normally laying brown eggs were turning white. It is known that as little as 0.001 per cent of nicarbazin can affect egg hatchability, and apparently even lesser proportions of this drug may produce shell pigment changes. The A.O.A.C. first action method¹ is not sufficiently sensitive to detect quantities of this magnitude, but a method recently published by Porter² permits determination of less than 0.0001 per cent of nicarbazin. Application of this method to the five samples in question showed that three of these feeds (8422, 8638 and 8639, all of which were supposed to be free of the drug) contained between 0.00040 and 0.00068 per cent of nicarbazin.

Nicarbazin was determined in one other sample (8115) because the feed failed to control coccidiosis; the quantity found (0.0088 per cent) was only 70 per cent of guaranty.

Biological Specimens Examined for Poisons

One hundred and seventy-two biological specimens were examined in connection with suspected poisoning, mostly of domestic animals and poultry. In 71 of these, poisonous substances were found in sufficient quantity to suggest probable or possible causes of death.

¹ *J. Assoc. Official Agr. Chem.*, **39**, 106 (1956).

² *Ibid.*, **39**, 860 (1956).

The poisonous materials, and the number of specimens in which they were found, are summarized as follows: Alpha naphthyl thiourea ("ANTU") (1), antimony (2), antimony with arsenic (1), antimony with lead (1), arsenic (1), barium (2), beryllium (3), cadmium (1), cadmium with lead (1), cyanide (1), cyanide with strychnine (1), lead (19), lead with zinc (1), mercury (3), mercury with zinc (1), road tar (1), strychnine (1), thallium (4) and zinc (26). The predominant poison was zinc, with 28 cases; there were 22 cases in all where lead poisoning was involved, followed by much smaller numbers of all other types of poisoning.

The three samples containing beryllium did not represent actual cases of poisoning by this element, but were filters from an air-sampling apparatus employed by the State Department of Health to test the atmosphere of a factory machining beryllium alloys; the quantities of beryllium found ranged from 0.9 to 2.0 micrograms. The one case of "ANTU" poisoning was that of a dog; the four mercury cases involved two cats and two dogs. Both cases of strychnine poisoning also involved dogs; 270 milligrams of strychnine were isolated from the stomach of one of these dogs, and the stomach of the other was found not only to contain 0.015 per cent of this alkaloid but to give a positive test for cyanide. Of the four thallium cases, three were dogs; the fourth sample was the urine of a small girl (aged 4) who had eaten one or more thallium-sulphate-coated blue-dyed whole Spanish peanuts which were sold under the name of "Mo-Go" for the purpose of killing moles. Only 0.4 part per million of thallium was found in the urine, and the child suffered no ill effect—probably because her mother discovered the accident almost as soon as it happened and forced the little girl to vomit.

The case of straight arsenic poisoning is of interest because death of the cat involved followed injection of an organic arsenical (probably neoarsphenamine), and more arsenic was found in the hair (7.6 p.p.m.) than in the liver (1.5 p.p.m.). The material containing both antimony and arsenic was a meat bait thrown to dogs; the arsenic was present as Paris Green (copper acetoarsenite), and the antimony had presumably been added as tartar emetic (potassium antimonyl tartrate).

Check Feeds

Twelve feeds were analyzed in the check feed program sponsored by the Association of American Feed Control Officials, and five samples of alfalfa were assayed for carotene in a program also sponsored by that association.

NEW ENGLAND COLLEGE CONFERENCE POULTRY RATIONS

Because of occasional inquiries about the New England College Conference poultry rations, last year we obtained the formulas for the 1955 version of these rations through the courtesy of Dr. E. P. Singsen of the Department of Poultry Science of the State University at Storrs and reproduced them in our annual Report¹.

¹ *Conn. Agr. Exptl. Sta. Bul.* 598, 43-46 (1956).

Shortly thereafter the U. S. Food and Drug Administration announced that because pharmacological studies had shown that diphenylparaphenylenediamine ("DPPD") caused pronounced toxic effects when fed to pregnant rats this chemical should not be used in poultry feeds. All of the 1955 New England College Conference poultry rations contained "DPPD", added thereto as an antioxidant to protect the vitamin E content and thereby prevent development of encephalomalacia ("crazy chick disease") in the flocks fed these rations. In the new 1956 rations another antioxidant, "BHT" ("butylated hydroxytoluene", 2,6-di-tertiarybutyl-paracresol) was substituted for "DPPD". Composition of the 1956 rations was as follows:

All-Mash Chicken Rations

Mash Ingredients	Starting lbs.	Grower lbs.	Layer lbs.	Breeder lbs.
Ground yellow corn ¹	1150	1050	1175	1185
Ground barley or pulverized oats ².....	..	200	100	100
Standard wheat middlings.....	100	300	200	200
Soybean oil meal (44%).....	550	250	250	175
Fish meal (60%) ¹⁰	50	50	25	75
Meat and bone scrap (50%).....	..	..	50	50
Alfalfa meal (17%) (100,000 A/lb.).....	50	75	75	75
Butyl fermentation product ³	40	20	7	40
Dicalcium phosphate or equivalent ⁴	32	36	32	32
Ground limestone (feeding grade).....	24	20	75	75
Dry vitamin D (1500D/gm.).....	0.5	0.5	1.0	1.0
Iodized salt.....	10	10	10	10
Manganous sulfate or equivalent ⁵	0.25	0.25	0.25	0.25
Antibiotic supplement.....	6	..	..	..
Vitamin B ₁₂ supplement (6 mg./lb. or equiv.)	1.0	1.0	1.0	2.0
Niacin.....	20 gm.	20 gm.	20 gm.	20 gm.
Choline chloride (dry, 25%).....	2.5	..	..	..
BHT (butylated hydroxytoluene).....	0.25	7	7	7
Coccidiostat.....	8	8	..	..

All-Mash Broiler Starting and Finishing Ration

Mash Ingredients	Starter ⁹ , lbs.	Finisher, lbs.
Ground yellow corn.....	1060	1240
Stabilized animal fat.....	80	80
Soybean oil meal (50%).....	500	320
Corn gluten meal.....	100	100
Fish meal ¹⁰	100	100
Butyl fermentation product ³	40	40
Alfalfa meal (17%) (100,000 A/lb.).....	50	50
Dicalcium phosphate or equivalent ⁴	28	28
Ground limestone (feeding grade).....	20	20
Dry vitamin A (5,000 I.U./gm.).....	0.5	0.5
Dry vitamin D (1,500 I.C.U./gm.).....	1	1
Iodized salt.....	10	10
Manganous sulphate or equivalent ⁵	0.5	0.5
dl-Methionine (feed grade).....	0.5	0.5
Antibiotic supplement.....	6	6
Vitamin B ₁₂ supplement (6 mg./lb.) or equiv.....	2	4
Niacin.....	20 gm.	20 gm.
Choline chloride (dry, 25%).....	2.5	2.5
BHT (butylated hydroxytoluene).....	0.25	0.25
Riboflavin concentrate (8 mg./gm.) or equiv.....	0.25	..
Coccidiostat.....	8	8
Organic arsenical concentrate.....	45 gm. ¹¹	45 gm. ¹¹
Pantothenic acid.....	1 gm.	1 gm.

Mash and Grain Rations

Feeding Ratio-Mash to Grain ¹⁷	Grower 2:1	Layer 2:1	Breeder 2:1
Mash Ingredients			
Ground yellow corn ¹	900	1000	1000
Ground barley or pulverized oats ²	100	100	100
Standard wheat middlings.....	300	200	200
Soybean oil meal (44%).....	430	350	250
Fish meal (60%) ⁹	50	40	100
Meat and bone scrap (50%).....	..	75	75
Alfalfa meal (17%) (100,000 A/lb.).....	100	100	100
Butyl fermentation product ³	30	20	60
Dicalcium phosphate or equivalent ⁴	54	40	24
Ground limestone (feeding grade).....	34	65	65
Iodized salt.....	15	15	15
Dry vitamin D (1,500 D/gm.).....	0.7	1.5	1.5
Manganous sulfate or equivalent ⁵	0.4	0.4	0.4
Vitamin B ₁₂ supplement (6 mg./lb.) or equiv.....	1.5	1.5	3.0
Niacin.....	30 gm.	30 gm.	30 gm.
BHT (butylated hydroxytoluene).....	7	7	7
Coccidiostat.....	8	..	..

Turkey Rations

Mash Ingredients	Starter ^{8, 12} lbs.	Grower ¹² lbs.	Grower ^{13, 14} lbs.	Breeder ¹² lbs.
Soybean oil meal (44%).....	650	580	680	200
Ground yellow corn.....	800	950	800	1000
Standard wheat middlings.....	100	200	200	300
Ground oats.....	..	..	..	150
Fish meal (60%) ¹⁰	200	50	50	100
Meat scrap (50%).....	100	..	50	50
Alfalfa meal (17%) (100,000 A/lb.).....	60	60	60	60
Butyl fermentation product ¹⁵	40	40	50	40
Dicalcium phosphate or equivalent ⁴	8	52	40	32
Ground limestone (feeding grade).....	30	40	55	55
Iodized salt.....	5	10	10	10
Antibiotic supplement.....	6	..	..	..
Vitamin B ₁₂ supplement (6 mg./lb. or equiv.)	1	16	16	2
Niacin.....	45 gm.	45 gm.	45 gm.	45 gm.
Choline chloride (dry, 25%).....	4.0	2.0	2.0	2.0
Dry vitamin D (1,500 D/gm.).....	1.0	1.0	1.0	1.0
Dry vitamin A (5,000 A/gm.).....	1.8	1.8	1.8	1.8
Manganous sulfate or equivalent ⁵	0.25	0.25	0.25	0.25
Vitamin E concentrate (20,000 I.U./lb.).....	0.4	0.2	0.2	0.4
Pantothenic acid.....	..	..	..	5 gm.

Notes

- (1) Two to four hundred pounds of coarsely ground wheat or yellow hominy may be used to replace an equal quantity of corn. If wheat is used, add 0.4 lb. of vitamin A & D oil for each 100 lb. of corn removed.
- (2) On a nutrient content basis, barley is preferred to oats. Barley and oats or middlings, or all three, may be replaced by corn, depending upon the increase in energy level desired. Animal fat at 1, 2 or 3 per cent levels may replace equal quantities of cereal grains in the layer and breeder to provide a still higher energy level. To add fat, proper equipment must be available.
- (3) Based on a butyl fermentation product containing 100 micrograms of riboflavin per gram or 45.4 milligrams per pound. A vitamin concentrate containing not less than 1 gram of riboflavin and 4 grams of pantothenic acid and possibly other vitamins may be used to replace part or all of the fermentation products, and the total weight made up by adding corn meal.

- (4) Steamed bone meal or defluorinated rock phosphate may replace the dicalcium phosphate on a phosphorus basis. Raw rock phosphate containing not more than 3.5 per cent fluorine may replace a portion of the dicalcium phosphate—one-half (equivalent phosphorus basis) in the grower and one-fourth in the layer and breeder rations.
- (5) Manganese sulphate (70% feeding grade) or equivalent quantity of manganese from other sources.
- (6) Use one to five pounds per ton, depending on product used. Suggested levels are aureomycin, bacitracin or terramycin, 9 grams, or procaine penicillin, 2 to 4 grams, per ton of finished ration or equivalent. For the broiler rations increase the above level by 50 per cent.
- (7) If desired, butylated hydroxytoluene may also be added at the 0.0125 per cent level (one-quarter pound per ton) to help prevent destruction of fat-soluble vitamins.
- (8) A coccidiosis-controlling drug may be used in these rations at the level recommended by the manufacturer.
- (9) To be fed as *all mash rations*. Feed starting ration until birds are 7 weeks old.
- (10) If a high-salt fish meal is used, reduce the added salt by quantity contributed by the fish meal.
- (11) This is the level for 3-nitro-4-hydroxyphenylarsonic acid; other compounds that may be used at a level recommended by the manufacturer are arsanilic acid and its sodium salt.
- (12) To be fed as *all mash rations*. Feed starting ration until birds are 10 weeks old.
- (13) To be fed with grain after the birds are at least 12 weeks old (60–80% mash and 20–40% grain).
- (14) May be converted to a finishing ration by reducing soybean oil meal by 200 pounds and adding a like quantity of ground yellow corn.
- (15) Based on a product containing 250 micrograms of riboflavin per gram. Three per cent corn distillers' dried solubles may be used if the ration is fortified to contain not less than 2 milligrams of riboflavin and 6 milligrams of pantothenic acid per pound of ration.
- (16) Twelve milligrams of vitamin B₁₂ per ton may be added to promote finish.
- (17) Based on a mixture containing 50 parts of corn, 25 parts of wheat and 25 parts of oats.

DETERMINING GUARANTIES

The most reliable way to determine safe guaranties for feed mixtures is by analysis. Larger manufacturers with laboratory facilities follow this method. Small manufacturers and home mixers are without such facilities and they must resort to other means. A close estimate can be made by a simple calculation using as a guide the analysis tags on the ingredients to be mixed.

If, for example, a mixture is to be made with cottonseed meal, corn meal, ground oats, gluten feed and wheat bran as ingredients, we may assume that the tags for these several ingredients show the following percentages of protein, fat and fiber:

Ingredient	Protein per cent (lbs. per 100)	Fat per cent (lbs. per 100)	Fiber per cent (lbs. per 100)
Cottonseed meal.....	41	7	11
Corn meal.....	24	2	11
Ground Oats.....	12	5	11
Gluten Feed.....	25	2	7
Wheat bran.....	16	5	10

Remembering that per cent means pounds per 100 pounds, then 100 pounds of each of the materials listed above will contain the number of pounds of the several nutrients shown.

If the formula to be mixed calls for the pounds of ingredients shown in column 1 below, then the pounds of the several nutrients will be as shown in columns 2, 3 and 4. The total weight of the mix is seen to be one ton (20 hundred pounds), so the analysis of the finished product is found by dividing the totals by 20, or by moving the decimal point one place to the left and dividing by 2.

Example

Column 1		2 Protein lbs.	3 Fat lbs.	4 Fiber lbs.
Cottonseed meal.....	200 lbs.	82	14	22
Corn meal.....	200 lbs.	48	4	22
Ground oats.....	600 lbs.	72	30	66
Gluten feed.....	300 lbs.	75	6	21
Wheat bran.....	700 lbs.	112	35	70
Totals.....	2,000 lbs.	389	89	201
Per cent.....		19.45	4.45	10.05

Mixers should remember that for protein and fat the guaranties are minimum values; for fiber the guaranty is the maximum. In other words, the manufacturer guarantees that protein and fat will not be less than the percentages declared, and in the case of fiber that it will not exceed the figure declared.

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than	
Pounds per hundred (or per cent)									
Acme-Evans Co., Inc., Indianapolis, Ind.									
9301	Acme Hominy.....	C. W. Campbell Co., Pawcatuck.	10.17	10.75	9.00	6.59	7.00	3.53	6.00
9266	Acme Wheat Bran	Meech & Stoddard, Middletown.	10.39	15.81	14.00	3.90	3.00	7.87	9.50
7013	Acme Wheat Standard Middlings ..	Yantic Grain & Prod., Norwich ..	11.37	16.13	14.00	4.09	3.00	7.05	9.50
Agri-Tech., Inc., Kansas City, Mo.									
7541	Specules Alfalfa.....	A. E. Hall, Wallingford	12.90	18.75	17.00	3.44	1.50	23.27	27.00
The Agro Company of Canada Ltd., Montreal, Canada									
8837	Agro Bran.....	Wolf Savitsky & Sons, Shelton...	11.26	16.38	14.00	4.74	3.50	8.41	11.50
Albers Milling Co., Los Angeles, Calif.									
9182	Albers Calf Manna.....	Community Service, Lakeville....	9.75	27.25	25.00	3.65	3.50	4.91	5.50
9037	Albers Rabbit Breeder Ration.....	Newtown Farm Supply Co., New- town.....	8.82	16.44	15.00	2.11	2.00	19.15	22.00
9463	Albers Rabbit Family Ration	Wolf Savitsky & Sons, Shelton...	8.56	16.38	16.00	2.30	2.50	15.10	18.00
8842	Albers Suckle	Wolf Savitsky & Sons, Shelton...	7.06	25.88	24.00	3.35	3.00	0.78	1.50
Allied Mills, Inc., Chicago, Ill.									
9570	Wayne Calfnip.....	Sunshine Feed Store, Plainville ..	5.81	23.44	23.00	2.16	0.50	0.16	0.25
9568	Wayne Calf Starter	Sunshine Feed Store, Plainville...	9.84	18.75	16.00	2.74	3.00	6.30	9.00
9569	Wayne Chick Feed	Sunshine Feed Store, Plainville...	11.31	10.50	9.00	5.35	2.00	2.05	4.00
7166	Wayne 16% Dairy	Sunshine Feed Store, Plainville...	11.09	18.63	16.00	3.34	3.00	8.10	9.00
7490	Wayne 22% Egg & Breeder	C. S. Roberts & Sons, Winsted...	9.46	24.63	22.00	3.04	3.00	3.90	4.50
7167	Wayne 26% Egg & Breeder Supple- ment.....	Sunshine Feed Store, Plainville...	10.37	26.06	26.00	4.82	2.50	4.82	7.00
9177	Wayne Egg Mash	R. W. Sandmeyer, Cornwall Bridge	11.01	22.06	20.00	3.39	3.00	4.28	4.50
9564	Wayne Egg Mash	Sunshine Feed Store, Plainville...	10.29	23.88	22.00	4.19	4.00	4.22	4.50

9178	Wayne Emergency 16% Dairy Mixed Feed "A",	R. W. Sandmeyer, Cornwall Bridge	10.27	19.38	16.00	3.01	3.00	5.27	5.50
7165	Wayne Fitting Ration	Sunshine Feed Store, Plainville...	11.40	18.63	13.00	4.44	3.00	6.75	8.50
9566	Wayne Horse Feed	Sunshine Feed Store, Plainville...	10.76	12.81	9.00	3.44	2.50	7.74	12.00
9567	Wayne Mink Meal	Sunshine Feed Store, Plainville...	8.85	22.69	20.00	4.09	2.00	3.60	5.00
7162	Wayne Pork Maker	Sunshine Feed Store, Plainville...	10.01	16.75	14.00	3.98	3.00	5.70	8.00
9505	Wayne Rabbit Ration	A. C. Wetherell, Suffield	8.73	18.94	17.00	2.52	2.00	11.33	15.00
9176	Wayne Test Cow Ration	R. W. Sandmeyer, Cornwall Bridge	10.54	18.94	16.00	4.44	4.00	7.43	9.00
9565	Wayne Turkey Finisher	Sunshine Feed Store, Plainville...	10.11	18.75	16.00	3.44	3.00	4.18	5.00
9175	Wayne Universal Breeder	R. W. Sandmeyer, Cornwall Bridge	10.86	18.00	18.00	5.24	4.00	3.47	4.00
7164	Wayne Universal Egg	Sunshine Feed Store, Plainville...	11.94	17.75	16.00	3.64	3.00	3.62	4.00
7163	Wayne Universal Grower	Sunshine Feed Store, Plainville...	11.31	19.50	16.00	3.90	2.50	3.87	4.50
American Maize-Products Co., New York, N. Y.									
8861	Amaizo Corn Gluten Meal	Central Conn. Co-op. Farmers' Ass'n., Manchester	10.53	44.13	41.00	1.59	1.00	2.63	6.00
7516	Cream of Corn Gluten Feed	P. Cutler, Inc., Colchester	9.34	22.75	21.00	3.74	2.00	6.80	9.50
Archer-Daniels-Midland Co., Minneapolis, Minn.									
9269	Archer Quality 34% Protein Fat- Fortified Linseed Oil Meal	Middlefield Grain & Supply Co., Middlefield	11.25	36.88	34.00	3.64	3.50	7.93	10.00
8832	Archer Quality 36% Protein Sol. Ext. Linseed Oil Meal	Wolf Savitsky & Sons, Shelton...	9.22	36.00	36.00	0.79	0.50	4.42	10.00
8864	Archer Quality 44% Protein Sol. Ext. Soybean Oil Meal	Central Conn. Co-op. Farmers' Ass'n., Manchester	11.59	46.88	44.00	0.54	0.50	5.48	7.00
B & W Canning Co., Inc., Groveland, Fla.									
6759	B'n W Brand Dried Citrus Pulp	Eastern States Farmers' Exch. Inc., Willimantic	7.88	6.06	6.00	3.10	3.00	9.82	12.00
6260	E. W. Bailey & Co. Inc., Montpelier, Vt. Bailey's Laying Mash	A. E. Hall, Wallingford	9.97	21.38	20.00	3.55	3.50	6.20	7.00
The Beacon Milling Co. Inc., Cayuga, N. Y.									
8946	Auburn "16"	Anderson Farm Supply, Portland	13.58	17.63	16.00	3.28	3.00	6.15	10.00
8949	Auburn "20"	Anderson Farm Supply, Portland	14.11	20.50	20.00	2.54	3.00	6.23	10.00
9499	Beacon "15"	Beacon Grain Store, Willimantic.	10.07	17.00	15.00	4.50	4.00	6.59	9.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber	
			Guaran- teed not less than		Guaran- teed not less than		Guaran- teed not more than	
			Found	Moist- ure	Found	Found	Found	Found
			Pounds per hundred (or per cent)					
The Beacon Milling Co. Inc., Cayuga, N. Y.—Cont.								
9359	Beacon "16"	L. B. Whitford, Oneco	19.44	10.92	16.00	3.74	6.76	9.00
6765	Beacon "20"	Beacon Grain Store, Willimantic.	21.63	10.69	20.00	3.36	7.07	9.00
9164	Beacon Balancer Pellets	Bantam Supply Co., Bantam	22.94	10.86	20.00	4.21	4.81	6.00
9387	Beacon Broiler Finisher	H. H. Stone & Sons, Southbury	21.38	11.23	18.00	5.65	2.90	4.50
9385	Beacon Calf Grower	H. H. Stone & Sons, Southbury	19.25	10.33	14.00	3.70	7.28	9.00
9384	Beacon Calf Starter	H. H. Stone & Sons, Southbury	20.69	11.06	19.00	3.90	5.60	7.00
9291	Beacon Chick Grains	F. Policastro & Sons, Glenbrook	11.56	11.61	10.00	3.26	1.51	2.50
9292	Beacon Complete Rabbit Pellets	F. Policastro & Sons, Glenbrook	18.75	9.66	17.00	3.63	9.95	13.00
6744	Beacon Complete Starter	H. H. Stone & Sons, Southbury	23.31	11.67	22.00	5.54	5.15	5.50
9386	Beacon Dairy Breeder Pellets	H. H. Stone & Sons, Southbury	23.06	9.25	20.00	5.76	10.20	14.00
6731	Beacon Dairy Fitting	H. H. Stone & Sons, Southbury	16.50	8.01	14.00	3.99	7.27	9.00
9288	Beacon Duck Grower-Finisher	F. Policastro & Sons, Glenbrook	17.50	9.46	16.00	3.89	5.61	7.50
9043	Beacon "22" Egg Mash	Barnum Feed Store, Danbury	22.88	9.69	22.00	5.09	3.86	5.50
9046	Beacon Goat Ration	Barnum Feed Store, Danbury	18.94	10.39	16.00	3.18	7.47	10.00
6767	Beacon Grower All-Mash	Beacon Grain Store, Willimantic.	17.63	10.16	16.00	5.51	4.35	6.00
9496	Beacon "18" Growing Mash	Beacon Grain Store, Willimantic.	19.94	10.66	18.00	4.64	4.59	6.25
9495	Beacon High Vitamin D ₂ Mix	Beacon Grain Store, Willimantic.	14.19	9.81	10.00	2.64	10.16	12.00
9286	Beacon Horse Feed	F. Policastro & Sons, Glenbrook.	14.31	10.06	13.00	3.56	7.57	9.00
9024	Beacon Market Egg All-Mash	New London Grain, New London	19.38	12.01	17.00	4.75	3.28	4.75
9361	Beacon Pig Grower	L. B. Whitford, Oneco	15.63	11.26	14.00	4.44	4.49	6.00
7480	Beacon Poultry Fitting	Machnicki's Grain, Jewett City	13.25	10.83	11.00	3.12	4.20	7.50
9287	Beacon Sow Feed	F. Policastro & Sons, Glenbrook	16.50	9.85	14.00	3.70	7.12	8.00
6732	Beacon Starter-Broiler	H. H. Stone & Sons, Southbury	25.00	8.67	23.00	6.34	2.77	4.50
8948	Beacon "14" Test Cow Ration	Anderson Farm Supply, Portland	15.50	12.41	14.00	4.37	5.91	9.00
9500	Beacon "16" Test Cow Ration	Beacon Grain Store, Willimantic.	18.25	11.48	16.00	4.25	7.64	9.00
6730	Beacon "18" Test Cow Ration	H. H. Stone & Sons, Southbury	21.63	7.17	18.00	4.04	6.77	9.00
6763	Beacon Turkey & Game Bird Breeder	Beacon Grain Store, Willimantic.	25.25	10.36	24.00	4.86	4.80	6.50
9025	Beacon Turkey & Game Bird Fitting	New London Grain, New London	11.38	11.84	10.00	3.11	4.91	9.00

9174	Beacon Turkey & Game Bird Grower	Bantam Supply Co., Bantam....	10.67	24.50	24.00	4.39	3.50	3.20	5.75
9497	Beacon "20" Turkey Grower.....	Beacon Grain Store, Willimantic.	10.00	20.94	20.00	4.19	3.50	3.48	5.50
6766	Be-Co-Lass.....	Beacon Grain Store, Willimantic.	10.41	12.38	11.00	2.94	2.00	10.07	13.00
9498	Be-Co-Nurse Milk Replacer.....	Beacon Grain Store, Willimantic.	4.62	24.63	24.00	9.94	10.00	0.15	0.25
The Berkman Grain Co., North Franklin, Conn.									
7464	Nibco Crate Fattener.....	Berkman Grain Co., No. Franklin	9.68	15.00	14.00	3.39	3.50	6.22	4.00
7469	Nibco 18% Dairy Ration.....	Berkman Grain Co., No. Franklin	9.96	19.00	18.00	3.74	4.00	5.55	8.00
7468	Nibco Fitting Ration.....	Berkman Grain Co., No. Franklin	10.81	14.13	14.00	3.40	4.00	4.55	8.00
7467	Nibco High Energy Growing Mash.	Berkman Grain Co., No. Franklin	9.81	17.50	16.00	4.00	3.00	3.57	4.00
7466	Nibco High Energy Laying Mash...	Berkman Grain Co., No. Franklin	9.71	18.88	16.00	4.03	3.00	3.32	4.00
7465	Nibco Nine Week Broiler Mash....	Berkman Grain Co., No. Franklin	10.51	19.38	18.00	4.01	4.00	2.40	3.50
9071	Nibco One Day Station Fattener Feed.....	Berkman Grain Co., No. Franklin	9.81	11.38	10.00	3.26	2.00	9.15	14.00
9068	Nibco Scratch Feed.....	Berkman Grain Co., No. Franklin	12.19	10.19	10.00	3.44	3.00	4.11	6.50
The Bloomfield Farmers' Exchange Inc., Bloomfield, Conn.									
9075	Bloomfield 16% Dairy Ration.....	Bloomfield Farmers' Exchange Inc., Bloomfield.....	10.81	17.38	16.00	3.04	3.50	5.33	8.00
9965	Bloomfield 16% Dairy Ration.....	Bloomfield Farmers' Exchange Inc., Bloomfield.....	12.83	16.69	16.00	4.14	3.50	5.77	8.00
The Borden Co., Special Products Div., New York, N. Y.									
6887	Borden's Dry D.....	C. W. Campbell Co., Pawcatuck.	10.49	42.50	35.00	4.36	2.00	5.50	6.50
6886	Flaydry Poultry Feed Supplement..	C. W. Campbell Co., Pawcatuck.	9.84	30.63	24.00	2.53	1.50	5.35	6.50
Bremco Alfalfa Mills, Inc., New Bremen, Ohio									
9501	Alfalfa.....	W. D. Grant Co., Willimantic....	6.50	11.77	11.00	1.72	1.50	19.18	30.00
Brooklawn Grain & Feed Co., Bridgeport, Conn.									
8860	Brooklawn Dehydrated Dried White Bread Meal.....	Brooklawn Grain & Feed, Bridge- port.....	10.80	14.56	14.00	3.14	3.00	0.54	1.00
7528	Brooklawn Egg Mash.....	Brooklawn Grain & Feed, Bridge- port.....	11.06	17.56	18.00	3.72	4.00	4.47	6.00
8857	Brooklawn Sweet Mix.....	Brooklawn Grain & Feed, Bridge- port.....	12.50	16.06	16.00	3.56	3.50	5.49	9.00
Brown-Forman Distillers Corp., Louisville, Ky.									
9548	B-F Corn Distillers Solubles.....	Yantic Grain & Prod., Norwich..	8.70	30.19	24.00	6.09	8.00	3.78	4.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)			Fat		Fiber		
			Moist- ure	Guaran- teed not less than		Found	Guaran- teed not less than	Found	Guaran- teed not more than	
				Found	less than					
				Pounds per hundred (or per cent)						
The Buckeye Cellulose Corp., Cincinnati, Ohio										
9543	Buckeye 41% Protein Solvent Ext. Cottonseed Meal with added Hydrolyzed Cottonseed Oil.....	Seymour Grain & Coal, Seymour.	8.17	41.38	41.00	2.38	2.00	12.23	14.00	
Buckeye Sugars Inc., Ottawa, Ohio										
6728	Dried Beet Pulp.....	C. L. Adams Co., Southbury ..	7.35	8.81	7.00	0.43	0.30	18.52	22.50	
Calvert Distillers Limited, Amherstburg, Canada										
8971	Corn Distillers Dried Grains.....	Yantic Grain & Prod., Norwich..	6.61	30.88	25.00	9.45	8.00	10.87	13.00	
9299	Corn Distillers Dried Grains.....	C. W. Campbell Co., Pawcatuck.	5.91	27.63	22.00	10.94	8.00	7.77	13.00	
Calvert Milling Co., Hoytville, Ohio										
8858	15% Dehydrated Alfalfa Meal.....	Brooklawn Grain & Feed, Bridge- port.....	6.76	16.63	15.00	2.64	1.50	25.89	30.00	
Camden Grain Co., Camden, N. J.										
8829	Camden Brand Dried Brewers Grains.....	Derby Feed Store, Derby	8.47	22.31	24.00	4.31	6.00	14.62	17.00	
Camp Milling Co., Inc., Walton, N. Y.										
9579	Warren's Calf Starter.....	Wm. S. Warren & Son, Eastford..	10.69	18.00	18.00	3.53	3.00	7.00	8.00	
9141	Warren's Complete Growing Mash..	Wm. S. Warren & Son, Eastford..	9.91	16.50	15.00	4.19	3.00	4.87	6.00	
9138	Warren's Complete Laying Mash...	Wm. S. Warren & Son, Eastford..	10.22	16.38	15.00	4.64	3.00	4.63	6.00	
9577	Warren's Laying Mash.....	Wm. S. Warren & Son, Eastford..	9.93	21.38	20.00	3.58	3.00	6.67	7.50	
The C. W. Campbell Co., Westerly, R. I.										
9321	Alfalass.....	C. W. Campbell Co., Pawcatuck..	11.23	12.00	10.00	2.49	2.00	11.62	16.00	
7002	Best Pig & Hog Ration.....	C. W. Campbell Co., Mystic.....	10.39	21.13	15.00	4.18	4.00	6.82	8.00	
7001	Camco Horse Feed.....	C. W. Campbell Co., Mystic.....	13.53	12.50	10.00	3.54	3.00	5.17	10.00	

9318	16% Coarse Dairy Ration.....	C. W. Campbell Co., Pawcatuck..	11.51	18.31	16.00	3.52	3.00	5.38	8.00
9317	14% Dairy Ration.....	C. W. Campbell Co., Pawcatuck..	11.59	17.31	14.00	4.54	4.00	5.64	9.00
6894	16% Dairy Ration.....	C. W. Campbell Co., Pawcatuck..	12.81	18.25	16.00	3.69	3.00	5.80	8.00
9017	Egg-O Complete Layer.....	C. W. Campbell Co., Groton.....	11.31	16.75	16.00	4.56	3.50	3.93	4.50
9320	Egg-O Grower.....	C. W. Campbell Co., Pawcatuck..	10.75	21.88	20.00	4.59	3.50	4.83	6.00
6998	Egg-O Laying Mash.....	C. W. Campbell Co., Pawcatuck..	11.34	21.88	20.00	4.09	3.50	3.91	6.00
9019	Egg-O Special Broiler.....	C. W. Campbell Co., Groton.....	12.24	19.25	20.00	3.81	3.50	3.53	5.00
9316	12% Fitting Ration.....	C. W. Campbell Co., Pawcatuck..	11.21	14.38	12.00	3.49	3.00	5.75	9.00
6888	Milk Replacer.....	C. W. Campbell Co., Pawcatuck..	7.57	33.31	32.00	3.64	2.50	2.06	4.50
9319	Sheep & Goat Feed.....	C. W. Campbell Co., Pawcatuck..	12.65	19.75	15.00	2.48	3.00	5.42	9.00
The A. B. Caple Co., Toledo, Ohio									
8966	Alfalfa Stem Meal.....	Yantic Grain & Prod., Norwich...	10.81	15.50	9.00	1.49	0.80	28.89	40.00
Cargill, Incorporated, Minneapolis, Minn.									
9536	36% Protein Solvent Extracted Linseed Oil Meal.....	Seymour Grain & Coal, Seymour.	11.23	36.31	36.00	1.14	0.50	8.51	9.50
9593	44% Protein Solvent Extracted Soybean Oil Meal.....	Meech & Stoddard, Middletown.	10.60	46.69	44.00	0.53	0.50	4.86	7.00
Carling Brewing Co., Cleveland, Ohio									
9077	Carling Dried Brewers Grains.....	Bloomfield Farmers' Exchange Inc., Bloomfield.....	8.39	29.13	26.00	6.19	5.00	11.83	15.00
Central Conn. Co-operative Farmers' Ass'n. Inc., Manchester, Conn.									
6817	Honest Brand Aureomycin Mix 100 Grams.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	10.75	20.50	18.00	3.74	3.00	3.97	4.00
9519	Honest Brand Aureomycin Mix 200 Grams.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	10.85	19.00	18.00	3.65	3.00	4.50	4.00
6815	Honest Brand Breeder Mash.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	9.61	20.63	20.00	3.93	4.00	3.32	7.50
7585	Honest Brand Complete High Energy Growing Mash.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	14.00	16.25	15.00	3.06	3.00	3.42	4.00
9518	Honest Brand Complete High Energy Growing Mash.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	10.86	16.69	15.00	3.71	3.00	3.42	4.00
7584	Honest Brand Complete High Energy Laying Mash.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	13.12	16.25	15.00	3.08	3.00	3.10	6.00
8862	Honest Brand Complete High Energy Laying Mash.....	Central Conn. Co-op Farmers' Ass'n., Manchester.....	11.41	17.19	15.00	3.15	3.00	2.90	4.00

Clyde Milling Corp., Clyde, N. Y.	
9509 Clyde C-M-C 36 Mixing Ration....	Conn. Valley Gristmill, Suffield..
6884 Clyde Booster 16 Dairy Ration....	Little & McKinney, Manchester..
8945 Clyde Complete Growing Mash....	Clyde Bulk Feed Service, Inc., South Coventry.....
9161 Clyde Complete Growing Mash....	Hugh Reynolds Grain, New Bri- tain.....
6882 Clyde Complete Laying Mash.....	Little & McKinney, Manchester
8939 Clyde Complete Rabbit Pellets.....	L. C. Latimer, South Coventry...
7589 Clyde Crate Fattener Pellets	L. C. Latimer, South Coventry...
7594 Clyde Dry & Freshening Ration ...	L. C. Latimer, South Coventry...
9162 Clyde Fitting Ration.....	Hugh Reynolds Grain, New Bri- tain.....
7588 Clyde H-E Broiler Mash.....	L. C. Latimer, South Coventry...
7587 Clyde H-E Complete Breeder Mash	L. C. Latimer, South Coventry...
8944 Clyde H-E Complete Breeder Mash	Clyde Bulk Feed Service, Inc., South Coventry.....
8943 Clyde H-E Complete Laying Mash	Clyde Bulk Feed Service, Inc., South Coventry.....
9512 Clyde Hog Supplement	Conn. Valley Gristmill, Suffield..
7099 Clyde Horse Feed.....	L. C. Latimer, South Coventry...
8940 Clyde Life Span 15	L. C. Latimer, South Coventry...
7100 Clyde Market Egg Mash.....	L. C. Latimer, South Coventry...
7586 Clyde Milk Las 15 Dairy Ration (Coarse).....	L. C. Latimer, South Coventry...
9571 Clyde Pig & Sow Ration.....	L. C. Latimer, South Coventry...
9511 Clyde Poultry Mixing Ration.....	Conn. Valley Gristmill, Suffield..
9163 Clyde Taste Station Pellets.....	Hugh Reynolds Grain, New Bri- tain.....
8942 Clyde Test Cow 16.....	L. C. Latimer, South Coventry...
9103 Clyde Test Cow 20	Hugh Reynolds Grain, New Bri- tain.....
9144 Clyde Turkey Grower Mash.....	Wm. S. Warren & Son, Eastford..
9507 Corn Distillers Dried Grains.....	Conn. Valley Gristmill, Suffield..
9510 Corn Gluten Feed.....	Conn. Valley Gristmill, Suffield..
7591 Hominy Feed.....	L. C. Latimer, South Coventry...
8938 Linseed Oil Meal (Solvent Ext.)....	L. C. Latimer, South Coventry...
9447 Nate's Complete Laying & Growing Mash.....	A. Hodos & Sons, Inc., Ansonia..

9.11	34.56	36.00	2.26	2.50	7.30	11.00
11.59	16.94	16.00	2.83	3.50	11.27	9.50
13.04	16.19	16.00	3.49	3.00	6.27	5.00
10.84	17.19	16.00	3.52	3.00	4.75	5.00
12.28	16.94	16.00	3.79	3.00	4.91	5.00
12.37	16.69	15.00	3.29	3.00	9.41	12.00
13.16	12.31	10.00	3.36	3.00	6.22	8.00
13.09	14.63	14.00	3.64	3.50	7.52	8.50
10.51	13.44	12.00	3.60	3.50	8.46	8.50
12.46	21.81	21.50	3.64	3.50	3.50	3.50
12.91	17.88	16.50	4.06	3.50	3.97	4.50
11.49	17.88	16.50	3.26	3.50	3.94	4.50
12.26	14.75	16.50	4.39	3.50	4.73	4.50
8.78	33.69	34.00	2.84	2.50	6.98	7.00
12.44	12.25	10.00	2.94	2.50	6.60	10.00
13.29	15.00	15.00	4.01	4.00	6.71	8.00
12.00	21.00	20.00	3.49	3.00	4.90	6.00
12.89	16.69	15.00	3.04	3.50	10.02	12.00
9.80	20.06	18.00	3.50	3.00	5.18	6.00
9.01	32.44	32.00	2.69	2.50	6.67	6.00
9.81	16.00	14.00	3.26	3.50	4.74	4.50
13.15	18.13	16.00	3.99	4.00	7.50	8.50
10.50	21.88	20.00	3.79	4.00	7.84	8.50
9.66	21.63	22.00	4.68	3.50	4.46	5.50
7.57	26.75	26.00	8.32	7.00	8.84	8.00
9.71	24.06	21.00	2.04	1.00	7.96	10.00
12.11	11.06	11.00	5.50	5.00	3.70	6.00
13.68	37.75	34.00	0.82	2.50	7.96	9.00
10.28	17.13	16.00	2.85	3.00	5.58	5.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Guaran- teed not less than		Guaran- teed not less than		Guaran- teed not more than		
			Moist- ure	Found	Found	Pounds per hundred (or per cent)	Found	Pounds per hundred (or per cent)	Found	Pounds per hundred (or per cent)
Clyde Milling Corp., Clyde, N. Y.—Cont.									
9449	Nate's Life Span 15	A. Hodos & Sons, Inc., Ansonia..	10.59	16.19	15.00	2.31	4.00	7.21	8.00
9448	Nate's Meat Bird Finisher	A. Hodos & Sons, Inc., Ansonia..	10.57	19.75	18.00	3.69	3.50	4.17	4.00
9146	New England 16 Dairy Ration	Hansen's Store, West Willington.	10.17	18.94	16.00	3.06	3.50	8.39	10.00
7590	Soybean Oil Meal	L. C. Latimer, South Coventry... .	13.15	44.31	44.00	1.53	0.50	4.90	7.00
9102	Warren's Dairy Fitting Ration	Wm. S. Warren & Son, Eastford..	11.91	15.06	12.00	3.56	3.00	8.49	10.00
9135	Warren's 16 Dairy Ration	Wm. S. Warren & Son, Eastford..	11.50	18.19	16.00	3.51	3.00	9.44	11.00
9574	Warren's Laying Mash	Wm. S. Warren & Son, Eastford..	9.57	21.06	20.00	2.89	3.00	6.55	7.00
7592	Wheat Bran	L. C. Latimer, South Coventry... .	13.15	17.94	15.00	4.14	3.50	8.12	10.00
7593	Wheat Standard Middlings	L. C. Latimer, South Coventry... .	12.89	16.88	16.00	4.24	4.00	6.55	8.00
Coatsworth & Cooper Ltd., Toronto, Canada									
7055	C & C Wheat Bran	Wolf Savitsky & Sons, Shelton... .	11.46	16.63	15.00	4.34	3.50	8.40	11.50
7049	C & C Wheat Shorts	Wolf Savitsky & Sons, Shelton... .	12.22	16.00	16.00	4.39	5.00	5.45	8.00
Cocke and Co., Atlanta, Ga.									
9738	Cocke-Sure Brand Prime Quality 36% Protein Cottonseed Meal...	Derby Feed Store, Derby	9.25	33.33	36.00	4.71	3.00	16.58	17.00
Commercial Solvents Corp., Terre Haute, Ind.									
7010	B-Y-Basic Dried Grain & Cane Syrup Fermentation Solubles (Butyl)	Yantic Grain & Prod., Norwich... .	4.06	25.00	25.00	2.00	1.00	5.27	10.00
6809	B-Y-100 Dried Grain & Cane Syrup Fermentation Solubles	Central Conn. Co-op. Farmers' Ass'n., Manchester	4.26	25.44	25.00	1.73	1.00	6.21	10.00
Community Service, Inc., Canaan, Conn.									
7502	Community 16% Dairy Ration	Community Service, Canaan	9.12	16.56	16.00	3.99	3.50	6.32	10.00
9216	Community 18% Dairy Ration	Community Service, Canaan	11.39	19.88	18.00	4.44	4.00	6.00	10.00
9215	Community Fitting Ration	Community Service, Canaan	12.21	15.63	14.00	3.78	3.50	6.04	9.00
7501	Community Laying Mash	Community Service, Canaan	10.24	21.88	18.00	4.14	3.50	5.12	6.50

Consolidated Products Co., Danville, Ill.

7009 "Consolidated's"	Dried	Whole							
Whey.....			7.30	12.06	12.00	0.56	0.50	.....	.....
7505 Pex for Broilers.....			56.53	9.50	9.50	1.74	2.00	0.18	0.70
7504 Pex for Layers-Breeders.....			53.09	9.50	9.00	1.93	2.00	0.15	0.50

Consolidated Rendering Co., Boston, Mass.

7006 Corenco Feeding Bone Meal.....			3.80	15.06	10.00	.....	.....	.....	.....
7106 Corenco 47% Meat & Bone Scrap..			6.54	50.19	47.00	7.81	6.00	.....	.....

Corn Products Refining Co., New York, N. Y.

6721 Buffalo Brand 21% Corn Gluten Feed.....			5.72	24.19	21.00	1.34	1.00	9.15	10.00

C. A. Cowles, Inc., Plantsville, Conn.

9015 Blue C Complete Laying Mash.....			10.63	18.19	15.00	2.84	3.00	5.78	8.00
7526 Blue C 16% Dairy Ration			11.66	18.94	16.00	4.29	3.00	8.00	9.00
9242 Blue C 20% Dairy Ration			10.36	20.63	20.00	3.49	3.00	7.05	10.00
9014 Blue C Fitting Ration.....			10.42	16.81	14.00	4.37	3.00	8.42	9.00
9013 Blue C Growing Mash.....			11.26	16.88	20.00	3.49	3.50	4.97	7.50
9016 Blue C Hog & Pig Feed.....			10.56	18.50	16.00	3.15	3.00	6.25	8.00
9241 Blue C Horse Feed with Molasses..			11.27	12.38	10.00	3.04	3.00	6.10	10.00
7031 Blue C Laying Mash.....			11.49	21.06	20.00	3.81	3.00	1.20	7.50
7037 Blue C Plantsville Dairy Ration ..			10.46	17.38	18.00	3.69	3.00	10.80	12.00
9228 Blue C Rabbit Pellets.....			6.36	15.06	15.00	3.86	3.00	11.03	15.00
9243 Blue C Super 16% Coarse Dairy Ration.....			11.02	15.19	16.00	3.09	3.00	7.92	9.00
9012 Blue C Super 16% Dairy Ration			11.63	18.13	16.00	3.53	3.50	5.62	7.50
9229 Blue C Turkey Finishing Mash.....			11.18	17.31	16.00	3.94	3.75	6.40	7.00
8952 Blue C Turkey Growing Mash.....			11.43	21.88	20.00	3.64	3.00	5.70	7.50
7035 Champ 16% Dairy Ration.....			11.65	16.38	16.00	3.85	3.50	6.30	8.00
7036 Red C Laying Mash.....			10.76	17.75	16.00	3.34	3.00	6.18	8.50

Chas. M. Cox Co., Boston, Mass.

7051 Connecticut Flood Emergency Mixed Feed A.....			12.51	16.75	16.00	3.14	3.00	4.20	8.50
7353 Connecticut Flood Emergency Feed A.....			11.36	16.56	16.00	2.94	3.00	4.65	8.50

Watertown Co-op. Ass'n., Inc.,
Watertown.....
Litchfield County Co-op. Ass'n.
Torrington.....

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)			Fat		Fiber		
			Moist- ure	Guaran- teed not less than		Guaran- teed not less than		Found	Guaran- teed more than	
				Found	Pounds per hundred (or per cent)	Found	Pounds per hundred (or per cent)			
Chas. M. Cox Co., Boston, Mass.—Cont										
7389	Connecticut Flood Emergency									
7595	Mixed Feed A.....	John Bennett, Putnam	10.49	22.19	16.00	3.29	3.00	4.85	8.50	
	Connecticut Flood Emergency									
	Mixed Feed B.....	Wirthmore Feed Co., Fitchville..	12.84	18.94	16.00	3.07	3.00	3.62	8.50	
9393	Wirthmore Baby Chick Scratch....	S. V. Osborn, Est., Branford.....	12.03	10.94	9.50	2.60	2.50	1.68	4.00	
9274	Wirthmore Breeder Mash.....	Middlefield Grain, Middlefield...	10.11	21.88	20.00	4.53	3.50	3.80	5.50	
9503	Wirthmore Calf Starter Meal.....	Willimantic Grain, Willimantic...	9.55	23.25	22.00	3.96	3.50	6.42	7.00	
9078	Wirthmore Calving Ration.....	Bloomfield Farmers' Exchange Inc., Bloomfield	10.40	16.50	14.00	4.01	3.50	8.20	10.00	
7373	Wirthmore Challenger Coarse 14 Dairy Ration.....	A. D. Bridges Sons, Hazardville.	10.11	15.81	14.00	4.22	3.25	7.85	10.00	
9268	Wirthmore Coarse Test Dairy Ration.....	Middlefield Grain, Middlefield...	10.34	18.94	16.00	4.70	4.00	7.49	9.00	
7346	Wirthmore Complete Breeder Ration.....	F. L. Wadham & Sons, Torrington	10.61	17.25	15.00	4.16	3.50	4.35	6.00	
9051	Wirthmore Complete Chick Starter	Benjamin Grain Co., Danbury. .	9.65	22.94	20.00	4.66	3.50	4.02	5.00	
6712	Wirthmore Complete Egg Ration..	Westville Grain Co., Westville ..	10.85	16.81	15.00	4.93	3.50	4.25	6.00	
6722	Wirthmore Complete Growing Ration.....	R. G. Davis & Sons, New Haven	7.64	16.88	15.00	5.23	3.50	4.25	6.00	
6719	Wirthmore Complete Turkey Breeder Ration.....	R. G. Davis & Sons, New Haven.	8.20	19.88	18.00	5.38	3.50	4.27	6.00	
9328	Wirthmore Complete Turkey Fat- tening Ration.....	Wirthmore Grain Co., Stepney..	10.61	20.63	16.00	4.50	4.00	4.11	5.00	
8995	Wirthmore Complete Turkey Grow- ing Ration.....	Western Grain Co., Baltic.....	10.41	19.63	18.00	5.01	4.00	3.85	5.50	
7024	Wirthmore 14 Dairy Fitting Feed..	Wirthmore Feed Co., Fitchville..	11.96	17.75	14.00	4.14	3.50	6.16	8.50	
7375	Wirthmore 14 Dairy Fitting Feed..	A. D. Bridges Sons, Hazardville...	9.87	16.69	14.00	3.69	3.50	6.61	8.50	
7597	Wirthmore 14 Dairy Fitting Feed..	Wirthmore Feed Co., Fitchville....	13.41	17.38	14.00	3.73	3.50	6.22	8.50	
9351	Wirthmore 16 Dairy Ration.....	Dayville Grain & Feed, Plainfield	10.96	18.75	16.00	3.51	3.50	8.36	9.00	

9391 Wirthmore Big W 16% Dairy.....	S. V. Osborn, Est., Branford.....	10.40	15.50	16.00	2.79	3.00	14.77	14.00
9508 Wirthmore 36% Dairy Mixing Ration.....	Conn. Valley Gristmill, Suffield .. Litchfield County Co-op. Ass'n., Torrington.....	9.70	37.69	36.00	2.59	2.50	8.30	8.00
7356 Wirthmore 16 Dairy Record Ration	Wirthmore Feed Co., Fitchville...	11.30	18.75	16.00	3.67	3.50	7.32	8.50
7596 Wirthmore 16 Dairy Record Ration	Bantam Supply Co., Bantam....	13.11	18.06	16.00	3.54	3.50	6.61	8.50
9173 Wirthmore 18 Dairy Record Ration	Western Grain Co., Baltic.....	11.57	21.06	18.00	3.35	3.50	7.22	8.50
8994 Wirthmore Fattening Pellets.....	Middlefield Grain, Middlefield....	9.72	18.75	17.50	4.75	4.00	3.77	4.50
9267 Wirthmore Fodder Greens.....	Soule Grain Co., New Milford...	9.36	13.00	9.00	2.00	2.00	18.71	18.00
9364 Wirthmore Green Mountain 14.....	A. S. Lebieniec, Kensington.....	10.76	16.38	14.00	3.85	3.25	8.48	10.00
9160 Wirthmore Green Mountain 16.....	Center Grain Co., Cheshire.....	11.84	18.75	16.00	3.35	3.25	8.61	10.00
8878 Wirthmore Green Mountain 20.....	Center Grain Co., Cheshire.....	11.91	25.00	20.00	3.30	3.25	8.73	10.00
8879 Wirthmore Grow & Egg Mash.....	Wirthmore Feed Co., Fitchville...	11.06	20.88	20.00	4.79	3.50	4.23	5.50
7025 Wirthmore Hi-Ener-G 16.....	Wirthmore Feed Co., Fitchville...	11.31	18.50	16.00	3.98	3.50	3.15	4.50
7027 Wirthmore Hi-Ener-G 16.....	Benjamin Grain Co., Danbury...	11.73	18.75	16.00	3.84	3.50	3.27	4.50
9050 Wirthmore Hi-Ener-G 16.....	Wirthmore Feed Co., Fitchville...	9.78	18.63	16.00	4.20	3.50	3.48	4.50
7026 Wirthmore Hi-Ener-G Breeder.....	S. V. Osborn, Est., Branford.....	11.99	18.75	16.00	4.84	3.50	3.12	4.50
9392 Wirthmore Hi-Ener-G Breeder.....	F. L. Wadham & Sons, Torrington	10.86	18.13	16.00	4.08	3.50	3.20	4.50
7348 Wirthmore Hi-Gro-Lay.....	A. S. Labieniec, Kensington.....	10.59	22.19	20.00	3.86	3.50	4.07	5.50
9159 Wirthmore Hog Grower.....	Anderson Farm Supply, Portland	12.00	18.44	15.00	4.08	4.00	4.61	6.00
8951 Wirthmore Horse Feed.....	Wirthmore Feed Co., Fitchville...	14.06	11.63	10.00	3.71	3.25	4.56	9.00
7028 Wirthmore Improved Hi-Ener-G Starter & Broiler Ration.....	Dayville Grain & Feed, Plainfield	11.85	23.88	20.00	4.98	4.50	3.02	4.00
9353 Wirthmore Mornin' Call Growing- Laying Mash.....	Dayville Grain & Feed, Dayville.	9.74	25.81	20.00	3.85	3.50	5.61	7.00
7390 Wirthmore Pig & Sow Feed.....	Bantam Supply Co., Bantam....	9.54	21.19	17.00	3.97	3.50	5.42	8.00
9172 Wirthmore Poultry Fitting.....	Benjamin Grain Co., Danbury...	12.66	13.75	11.50	2.91	2.50	4.69	6.50
9052 Wirthmore Poultry Flush.....	F. L. Wadham & Sons, Torrington	8.33	18.06	15.00	4.44	2.50	4.71	6.00
7347 Wirthmore Production Scratch.....	The Spencer Co., Suffield.....	12.31	11.50	9.50	3.24	2.50	3.82	4.00
9086 Wirthmore Rabbit Pellets.....	Wirthmore Grain Co., Stepney...	8.60	18.94	17.00	4.79	3.00	10.38	12.00
9329 Wirthmore Sheep & Goat Ration...	Soule Grain Co., New Milford...	9.78	19.63	16.00	3.81	3.50	7.80	9.00
9365 Wirthmore Stock Feed.....	Dayville Grain & Feed, Plainfield	10.20	11.38	10.00	3.70	3.00	9.83	11.00
9352 Wirthmore Super Pellets.....	Litchfield County Co-op. Ass'n., Torrington.....	10.23	25.31	23.00	5.10	3.50	5.15	5.50
9473 Wirthmore Turkey Growing Ration	Washington Supply, Washington Depot.....	10.21	24.19	23.00	5.09	3.50	5.43	6.00
9383 Wirthmore Twin-Mix Calf Ration..		11.55	19.19	18.00	4.00	3.00	5.96	8.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)			Fat		Fiber		
			Moist- ure	Guaran- teed not less than		Found	Guaran- teed not less than			
				Found	Pounds per hundred (or per cent)		Found	Pounds per hundred (or per cent)		
Crawford Brothers, Inc., Walton, N. Y.										
6704	14% Dry & Freshening	Riotte Grain, East Wallingford...	10.55	17.06	14.00	3.31	3.50	8.25	10.00	
6703	14% Fitting Ration	Riotte Grain, East Wallingford...	10.47	18.63	14.00	4.73	3.50	9.27	11.00	
6702	16% Milk Flow	Riotte Grain, East Wallingford...	10.59	20.31	16.00	3.79	3.75	8.47	10.00	
P. Cutler, Inc., Colchester, Conn.										
9062	Prosperity Dairy Ration	P. Cutler, Inc., Colchester.....	11.75	17.88	16.00	2.89	3.50	6.87	10.00	
9061	Prosperity Laying Mash	P. Cutler, Inc., Colchester.....	10.30	19.50	17.00	5.09	3.50	6.35	10.00	
7519	Prosperity Pig Feed	P. Cutler, Inc., Colchester.....	11.02	12.69	10.00	4.94	3.00	4.72	12.00	
7518	Prosperity Sweet Beetus Mix	P. Cutler, Inc., Colchester.....	10.06	7.19	6.00	2.76	1.50	12.35	22.00	
Dairy Service Corp., Brooksville, Fla.										
8967	Dairy Grove Citrus Pulp	Yantic Grain & Prod., Norwich..	10.42	6.75	6.00	2.54	3.00	8.89	18.00	
R. G. Davis & Sons, Inc., New Haven, Conn.										
6720	Davis 16% Dairy Feed	R. G. Davis & Sons, New Haven..	7.51	17.81	16.00	4.04	3.50	6.75	11.00	
6724	Davis Egg Mash	R. G. Davis & Sons, New Haven..	7.36	22.75	20.00	3.54	2.50	6.02	7.00	
6713	Davis Horse Feed	Westville Grain Co., Westville...	10.44	10.69	9.00	3.90	2.00	6.37	10.00	
6723	New England College Conference Grow	R. G. Davis & Sons, New Haven..	7.56	23.50	17.90	3.86	3.90	5.75	5.90	
Dawe's Laboratories Inc., Chicago, Ill.										
7088	Dawe's Fermentation Flavonne	Meech & Stoddard, Middletown..	6.99	34.25	30.00	5.84	3.00	8.42	9.50	
6808	Dawe's Fermentation Supplement 100	Central Conn. Co-op. Farmers' Ass'n., Manchester.....	11.21	31.25	27.00	9.99	5.00	10.77	14.00	
9513	Dawe's Fermentation Supplement 100	Central Conn. Co-op. Farmers' Ass'n., Manchester.....	9.19	36.38	27.00	5.04	5.00	5.86	14.00	
9244	Dawe's Vitamelk (Ruminant Type)	C. A. Cowles, Inc., Plantsville...	10.16	35.94	34.00	1.64	1.00	6.48	7.00	

Delaware Mills, Inc., Deposit, N. Y.

7175 Delaware Broiler Mash.....	Locust Grove Hatchery, Plainfield	10.34	24.13	21.00	3.54	3.00	3.45	4.00
7521 Delaware Fitting Ration.....	P. Cutler, Inc., Colchester.....	10.74	17.38	14.00	3.99	3.00	9.90	11.00
9060 Delaware Horse Feed.....	P. Cutler, Inc., Colchester.....	11.88	11.75	9.00	3.06	2.50	6.32	10.00
7520 Delaware Sweet 16% Dairy Feed...	P. Cutler, Inc., Colchester.....	10.41	16.75	16.00	3.54	3.50	9.50	11.00
9140 Warren's Complete Grower.....	Wm. S. Warren & Son, Eastford..	9.16	17.13	15.50	6.94	3.50	8.01	7.50
9139 Warren's Complete Layer.....	Wm. S. Warren & Son, Eastford..	9.43	18.38	15.50	6.19	3.50	6.80	7.50
9101 Warren's Fitting Ration.....	Wm. S. Warren & Son, Eastford..	11.17	14.06	14.00	4.00	3.00	9.13	11.00
9137 Warren's Indian 16% Dairy.....	Wm. S. Warren & Son, Eastford..	10.90	17.31	16.00	3.84	3.00	9.13	11.00
9578 Warren's Laying Mash.....	Wm. S. Warren & Son, Eastford..	10.58	20.44	20.00	4.77	3.50	4.52	7.50
9136 Warren's 16% Test Ration.....	Wm. S. Warren & Son, Eastford..	11.45	16.69	16.00	3.24	3.00	8.45	11.00

The Delphos Grain & Soya Products Co., Delphos, Ohio

6889 44% Protein Soybean Oil Meal (Solvent Extracted).....	C. W. Campbell Co., Pawcatuck..	11.56	46.88	44.00	0.86	0.50	5.40	7.00
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Derby Feed Store, Derby, Conn.

8816 Litsky's Hi-Energy All Mash Grower	Derby Feed Store, Derby.....	9.64	17.38	16.00	4.74	3.50	4.20	4.00
7463 Litsky's Hi-Energy All Mash Layer	Derby Feed Store, Derby.....	11.20	18.25	16.00	3.86	3.50	4.00	4.00
8812 Litsky's Hi-Energy Layer.....	Derby Feed Store, Derby.....	10.29	21.88	20.00	4.32	3.25	3.22	4.50
8813 Litsky's Sweet 16% Dairy Ration..	Derby Feed Store, Derby.....	10.61	19.88	16.00	2.99	3.50	6.06	10.00

Dewart Milling Co., Ltd., Peterborough, Canada

6811 Wheat Shorts.....	Central Conn. Co-op. Farmers' Ass'n., Manchester.....	10.02	16.38	14.00	4.74	5.00	7.32	8.00
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Distillers Corporation Limited, Montreal, Canada

6890 Distilco Corn Distillers' Dried Grains.....	C. W. Campbell Co., Pawcatuck..	6.87	29.88	25.00	9.84	8.00	8.50	12.00
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Dominion Malting (Ontario) Ltd., Toronto, Canada

7515 Dried Brewer's Grains.....	P. Cutler, Inc., Colchester.....	9.74	20.13	22.00	7.49	6.00	15.72	20.00
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Doughnut Corporation of America, Ellcott City, Md.

9342 Domaco Pure Winter Wheat Bran..	Libner Grain Co., Norwalk.....	11.23	14.94	13.50	3.79	3.25	8.79	9.50
9516 Domaco Winter Wheat Standard Middlings.....	Central Conn. Co-op. Farmers' Ass'n., Manchester.....	11.38	14.94	14.50	4.14	4.25	7.08	7.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)			Fat		Fiber		
			Moist- ure	Guaran- teed not less than		Found	Guaran- teed not less than	Found	Guaran- teed not more than	
				Pounds per hundred (or per cent)	Pounds per hundred (or per cent)					
The Dover Milling Co., Dover, Ohio										
7461	Wheat Middlings with Mill Run Scr.	Derby Feed Store, Derby.....	11.78	14.56	14.75	3.51	3.18	5.30	6.75	
Duffy-Mott Co., Inc., New York, N. Y.										
7603	Dried Apple Pomace Feed.....	L. C. Latimer, South Coventry...	9.97	5.50	5.00	4.76	3.00	16.98	25.00	
E. I. du Pont de Nemours and Co., Wilmington, Del.										
8839	DU PONT TWO-SIXTY-TWO Feed Compound.....	Wolf Savitsky & Sons, Shelton...	1.93	262.19	262.00	0.15	0.10	0.35	0.60	
Eastern States Farmers' Exchange, Inc., West Springfield, Mass.										
6761	All Mash Breeder.....	Eastern States Farmers' Exch., Inc., Willimantic.....	10.36	19.44	16.00	4.44	4.00	3.07	4.00	
9367	Calf Starter.....	Paul W. Caldwell, New Milford..	11.01	23.13	20.00	3.45	3.00	3.51	6.00	
9474	Calving Ration.....	Eastern States Farmers' Exch., Inc., Torrington.....	9.76	12.69	9.50	1.64	1.50	12.41	15.00	
9082	Champion.....	Ayer & Simmons, Inc., Granby...	11.21	17.25	14.00	3.07	2.50	5.09	7.00	
9038	Class Leader.....	Eastern States Farmers' Exch., Inc., Bethel.....	10.67	15.81	14.00	4.58	3.50	6.71	9.00	
8993	Darimore.....	Eastern States Farmers' Exch., Inc., Norwich.....	9.72	18.75	16.00	3.44	2.00	9.31	12.00	
7366	Fulpail.....	Eastern States Farmers' Exch., Inc., Torrington.....	9.79	21.75	20.00	4.14	3.00	6.39	9.00	
7365	Goalmaker.....	Eastern States Farmers' Exch., Inc., Torrington.....	10.46	18.25	16.00	4.31	4.00	3.37	4.00	
9083	Lay-Mix.....	Ayer & Simmons, Inc., Granby ..	7.52	36.31	36.00	2.29	2.00	5.83	6.50	
8990	Milkmore.....	Eastern States Farmers' Exch., Inc., Norwich.....	10.34	18.75	16.00	4.13	3.50	7.07	9.00	
9247	Milksaver.....	Eastern States Farmers' Exch., Inc., North Haven.....	6.35	26.19	24.00	1.38	1.00	0.74	1.50	

7363 Mixed Feed A	Eastern States Farmers' Exch., Inc., Torrington	11.46	16.75	16.00	3.21	2.50	3.95	6.00
6760 Pig Primer	Eastern States Farmers' Exch., Inc., Willimantic	10.26	18.19	16.00	3.74	3.00	4.32	5.50
9040 Pork Builder	Eastern States Farmers' Exch., Inc., Bethel	11.17	15.81	14.00	3.64	3.00	3.09	4.00
9245 Porkmix	Eastern States Farmers' Exch., Inc., North Haven	7.66	37.13	36.00	3.99	3.50	6.91	8.00
9084 Rabbettes	Ayer & Simmons, Inc., Granby	8.60	19.94	18.00	3.20	2.00	11.65	16.00
7364 Supmix	Eastern States Farmers' Exch., Inc., Torrington	9.82	37.69	36.00	2.49	1.50	6.00	8.00
6762 Sweepstakes	Eastern States Farmers' Exch., Inc., Willimantic	10.86	18.38	16.00	3.19	3.00	5.27	8.00
8992 Turkey Finisher Pellets	Eastern States Farmers' Exch., Inc., Norwich	10.31	18.75	16.50	4.47	4.00	3.06	4.00
9039 Turkey Grower	Eastern States Farmers' Exch., Inc., Bethel	10.09	21.88	20.00	3.64	3.00	4.16	4.50
Eckhart Milling Co., Chicago, Ill.								
7376 Ecco Pure Wheat Bran	A. D. Bridges Sons, Hazardville	11.16	16.75	14.00	4.33	3.50	9.02	12.00
9273 Standard Wheat Middlings with Ground Recleaned Wheat Scr. . .	Middlefield Grain, Middlefield . . .	9.70	16.69	15.00	4.19	4.00	5.86	9.50
Elmore Milling Co., Inc., Oneonta, N. Y.								
9489 Elmore Booster Pellets	Elmore Conn. Stores, Hampton . .	10.36	24.25	25.00	3.93	3.00	4.28	6.00
9346 Elmore Breeder Mash	Elmore Conn. Stores, Plainfield . .	10.24	21.88	20.00	3.49	3.00	5.30	6.00
9492 Elmore Calf Grain Ration	Elmore Conn. Stores, Hampton . .	11.32	13.69	13.00	3.69	2.50	7.01	9.00
9440 Elmore Chick Feed	United Co-op. Farmers, Danielson	12.03	10.25	9.00	1.84	2.50	1.42	5.00
9488 Elmore Complete Breeder Ration . .	Elmore Conn. Stores, Hampton . .	10.85	17.50	16.00	3.81	3.00	3.67	5.00
9067 Elmore Complete Growing Ration . .	Elmore Conn. Stores, Amston . . .	11.39	16.19	15.00	3.86	3.00	4.96	5.00
6715 Elmore Complete Market Egg Ration	East Haven Hay & Grain, East Haven	10.15	18.94	16.00	4.09	3.00	5.00	5.00
9490 Elmore Complete Rabbit Ration Pellets	Elmore Conn. Stores, Hampton . .	10.56	18.75	16.00	4.57	2.50	8.16	10.00
7160 Elmore Complete Turkey Breeder Ration	Elmore Conn. Stores, Forestville .	10.21	23.25	15.00	3.79	3.00	4.17	6.00
6718 Elmore Dry & Freshening Ration . .	East Haven Hay & Grain, East Haven	8.87	17.63	12.00	4.24	3.50	6.65	9.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber	
			Moist- ure	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Elmore Milling Co., Inc., Oneonta, N. Y.—Cont.								
9347	Elmore Egg Mash	Elmore Conn. Stores, Plainfield...	10.86	23.13	22.00	5.20	4.28	6.00
9064	Elmore Fitting Ration 14%	Elmore Conn. Stores, Amston...	10.94	15.81	14.00	4.32	6.12	8.00
7159	Elmore Flaked Pelleted Calf Starter	Elmore Conn. Stores, Forestville.	10.46	19.63	18.00	3.06	5.62	8.00
9484	Elmore Game Bird Grower	Elmore Conn. Stores, Hampton...	10.09	20.38	20.00	3.63	5.57	8.00
7157	Elmore Goat Ration	Elmore Conn. Stores, Forestville.	11.77	15.69	16.00	3.71	5.25	10.00
9092	Elmore Grand Champion Ration	Belmont Feed Co., Cos-Cob...	12.57	15.63	15.00	4.04	5.81	9.00
9344	Elmore Growing Mash	Elmore Conn. Stores, Plainfield...	10.69	17.75	18.00	3.65	5.92	6.00
9563	Elmore Hog Ration	Elmore Conn. Stores, Thomaston	10.19	16.06	15.00	4.24	5.26	8.00
7158	Elmore Horse Crunchies	Elmore Conn. Stores, Forestville.	10.21	20.13	15.00	3.94	6.85	10.00
9562	Elmore Horse Feed	Elmore Conn. Stores, Thomaston	11.50	11.88	9.00	3.23	4.78	11.00
7372	Elmore M.A.C. Laying Mash	E. B. Buck, Hazardville.....	10.24	21.69	20.00	3.34	5.50	6.00
7161	Elmore Milk Grains "Sixteen"	Elmore Conn. Stores, Forestville.	10.64	18.38	16.00	3.86	6.77	9.00
7156	Elmore Mixed Feed "A"	Elmore Conn. Stores, Forestville.	11.46	16.31	16.00	3.83	7.14	12.00
7370	Elmore Pacemaker 16% Dairy Ration	E. B. Buck, Hazardville.....	9.79	18.06	16.00	2.99	9.62	10.00
9561	Elmore Pacemaker Fitting Ration...	Elmore Conn. Stores, Thomaston	10.85	17.75	14.00	3.28	7.56	9.00
9491	Elmore Poultry & Turkey Fitting Ration	Elmore Conn. Stores, Hampton...	11.96	11.38	12.00	3.18	5.77	10.00
7371	Elmore 30% Supplemental Dairy Ration	E. B. Buck, Hazardville.....	9.29	30.06	30.00	2.99	8.17	10.00
9066	Elmore Test Ration 16%	Elmore Conn. Stores, Amston...	10.21	17.00	16.00	4.00	6.75	9.00
9091	Elmore Test Ration 18%	Belmont Feed Co., Cos-Cob...	11.73	20.38	18.00	4.04	6.37	9.00
9345	Elmore Turkey Finisher (Fattener)	Elmore Conn. Stores, Plainfield...	10.04	21.88	16.00	5.19	5.11	6.00
9065	Elmore Turkey Growing Mash	Elmore Conn. Stores, Amston...	10.71	20.50	20.00	3.34	5.55	6.00
John W. Eshelman & Sons, Lancaster, Pa.								
6710	Conestoga 18 Dairy Feed	Thos. F. Moran & Son, New Haven.....	9.91	20.63	18.00	3.74	8.45	11.00
9021	Lancaster Scratch Grains	New London Grain, New London	14.00	11.13	9.00	2.29	3.68	4.00

6709	Pennsy 16 Dairy Feed	Thos. F. Moran & Son, New Haven	9.65	20.25	16.00	3.46	2.50	8.52	15.00
8982	Pennsy Laying Mash	The A. E. Shedd Co., Norwich ..	11.31	18.25	20.00	3.73	3.50	5.59	8.00
7387	Red Rose Breeder Mash	Shepard & Whittemore, Putnam ..	9.51	20.06	20.00	4.94	3.50	4.60	5.50
9023	Red Rose Broiler Finisher	New London Grain, New London ..	11.30	20.19	18.00	4.69	3.50	4.22	5.00
9388	Red Rose Chick Grains	H. H. Stone & Sons, Southbury ..	12.67	11.25	9.00	3.54	2.00	1.84	3.00
9026	Red Rose Complete Growing Ration ..	New London Grain, New London ..	11.12	18.75	16.00	4.46	3.50	4.61	6.00
6742	Red Rose Complete Laying Ration ..	H. H. Stone & Sons, Southbury ..	10.74	18.50	16.00	4.94	3.50	4.32	4.50
9437	Red Rose Complete Turkey Grower ..	Shepard & Whittemore, Putnam ..	10.11	20.56	18.00	4.99	3.50	5.05	6.00
7355	Red Rose 16 Dairy Feed	Litchfield County Co-op. Ass'n., Torrington	10.00	18.38	16.00	3.69	3.50	6.10	8.50
7050	Red Rose 18 Dairy Feed	Thomaston Supply Co., Thomaston	10.55	20.50	18.00	3.86	3.50	7.22	9.50
9150B	Red Rose 32% Dairy Supplement ..	South Windsor Grain, So. Windsor ..	10.36	36.63	32.00	3.01	2.50	7.40	9.00
9278	Red Rose Duck Grower & Breeder ..	Young's Feed Store, Ridgefield ..	9.86	20.44	18.00	4.79	3.50	4.27	6.50
7544	Red Rose Fitting Ration	A. E. Hall, Wallingford	11.01	14.00	12.00	3.23	3.50	6.77	7.00
9276	Red Rose Goat Ration	Young's Feed Store, Ridgefield ..	10.26	19.06	15.00	3.53	3.00	6.44	9.00
8981	Red Rose Growing Mash	The A. E. Shedd Co., Norwich ..	10.96	13.25	20.00	3.96	3.50	5.12	7.00
6743	Red Rose Hog Meal	H. H. Stone & Sons, Southbury ..	10.82	22.44	16.00	4.38	3.50	3.35	8.00
6708	Red Rose Horse Feed	Thos. F. Moran & Son, New Haven	11.10	12.50	9.00	4.23	3.00	5.92	10.00
9277	Red Rose Intermediate Chick Grains ..	Young's Feed Store, Ridgefield ..	11.81	11.69	9.00	3.84	2.00	1.71	3.00
8973	Red Rose Laying Mash	The A. E. Shedd Co., Norwich ..	10.75	18.75	20.00	4.58	3.50	4.93	5.50
8984	Red Rose Milk Replacer	The A. E. Shedd Co., Norwich ..	8.39	23.56	22.00	1.14	1.00	1.06	1.00
9041	Red Rose Pig & Sow Meal	Marble & Risser, Bethel	10.21	18.25	16.00	4.29	3.50	4.92	6.00
8983	Red Rose Pigeon Feed	The A. E. Shedd Co., Norwich ..	12.52	15.63	12.00	3.04	3.00	3.11	4.00
8961	Red Rose Rabbit Pellets	A. E. Hall, Wallingford	9.58	19.38	18.00	3.54	3.00	9.03	12.00
6733	Red Rose Scratch Grains	H. H. Stone & Sons, Southbury ..	10.17	9.88	9.00	3.77	2.00	2.20	4.00
6711	Red Rose Starter & Grower	Thos. F. Moran & Son, New Haven	10.14	20.00	18.00	5.21	3.50	4.45	6.50
8985	Red Rose 14 Test Cow Ration	The A. E. Shedd Co., Norwich ..	11.50	17.06	14.00	3.54	3.50	6.38	8.50
9042	S-O-S	Marble & Risser, Bethel	9.43	14.56	11.00	2.89	2.00	14.36	16.00
8986	Emco Hominy Feed	The A. E. Shedd Co., Norwich ..	12.04	11.25	10.00	4.86	5.00	3.86	7.00
9573	FMS	L. C. Latimer, South Coventry ..	5.50	23.13	23.00	1.00	0.50	0.20	0.25

Evans Milling Co., Indianapolis, Ind.

FMS Incorporated, Chicago, Ill.

Fruit Industries, Bradenton, Fla.

8950 Tropicana's Sweetest Dried Citrus Pulp.....	Anderson Farm Supply, Portland.	11.89	6.75	6.00	2.50	3.00	9.78	12.00
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General Foods Corp., Kankakee, Ill.

7433 Burt's Hominy Feed.....	United Co-op. Farmers, Danielson	11.56	12.69	9.00	6.81	5.00	4.30	6.00
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General Mills, Inc., Minneapolis, Minn.

7183 Ben Hur Wheat Bran & Ground Wheat Screenings.....	United Co-op. Farmers, Moosup.	10.11	14.69	14.00	4.04	3.00	9.17	12.00
8991 Ben Hur Wheat Standard Middlings & Ground Wheat Screenings.....	Eastern States Farmers' Exch., Inc., Norwich.....	11.77	15.75	15.00	4.00	4.00	7.62	9.50
9151 Washburn's Gold Medal Wheat Adrian Red Dog.....	South Windsor Grain, So. Windsor	12.44	18.94	16.00	3.63	3.50	2.66	4.00
9011 Washburn's Gold Medal Wheat Bran & Ground Wheat Screenings.....	Thomaston Supply Co., Thomaston.....	11.01	15.63	14.00	4.44	3.50	9.29	12.00

General Mills, Inc., Larrowe Region, Detroit, Mich.

7034 Larro Poultry SureHatch Complete "H-E".....	C. A. Cowles, Inc., Plantsville....	11.06	17.00	16.00	3.98	2.50	3.79	5.00
7557 Larro Scratch Grains.....	Meeker Hardware, Danbury.....	13.01	11.06	9.00	2.86	2.00	3.40	5.00
9586 Larro SureBroiler 38.....	C. A. Cowles, Inc., Plantsville....	8.66	40.38	38.00	3.60	3.50	5.37	4.00
9585 Larro SureBroiler Finisher 23.....	C. A. Cowles, Inc., Plantsville....	9.80	23.81	23.00	7.24	6.50	2.27	2.50
9238 Larro SureLay Complete "H-E" ..	C. A. Cowles, Inc., Plantsville....	9.19	16.13	16.00	2.61	2.50	4.50	5.00
7033 Larro SureLay "H-E".....	C. A. Cowles, Inc., Plantsville....	11.51	21.50	20.00	4.16	2.50	4.10	5.50
7032 Larro SureMilk 14.....	C. A. Cowles, Inc., Plantsville....	10.61	14.88	14.00	3.04	3.00	8.60	9.00
7029 Larro SureMilk 16.....	C. A. Cowles, Inc., Plantsville....	11.50	16.44	16.00	3.15	3.00	7.30	9.00
7369 Larro SureMilk 16.....	E. B. Buck, Hazardville.....	10.25	18.75	16.00	3.60	3.00	7.55	9.00
9587 Larro SurePork 35.....	C. A. Cowles, Inc., Plantsville....	9.15	37.50	35.00	2.15	2.00	6.08	10.00
7556 Larro SurePork Complete.....	Meeker Hardware, Danbury.....	12.76	17.38	15.00	3.74	3.00	4.08	6.00
9239 Larro SurePoult.....	C. A. Cowles, Inc., Plantsville....	9.52	24.94	24.00	2.73	2.50	6.05	6.50
7038 Larro SureRabbit.....	C. A. Cowles, Inc., Plantsville....	8.99	19.69	15.00	3.94	2.00	13.57	19.00
9240 Larro SureTurk.....	C. A. Cowles, Inc., Plantsville....	9.01	28.94	27.00	2.73	2.50	7.30	8.50

The Glidden Co., Chemurgy Div., Chicago, Ill.

8863 Glidden Quality Products 44% Protein Solvent Extracted Soybean Oil Meal.....	Central Conn. Co-op. Farmers' Ass'n., Manchester.....	12.01	44.13	44.00	0.96	0.50	5.75	7.00
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TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber	
			Moist- ure	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
				Found		Found		
Pounds per hundred (or per cent)								
Gloucester By-Products, Inc., Gloucester, Mass.								
8865	Globpro Brand Fish Meal 60%.....	Central Conn. Co-op. Farmers' Ass'n., Manchester.....	8.36	64.63	60.00	12.73	8.00	0.21 1.00
Goldenrod Oil Meal Sales Co., Memphis, Tenn.								
7078	Goldenrod Brand 41% Protein Cot- tonseed Meal—Prime Quality....	Wolf Savitsky & Sons, Shelton...	8.14	43.19	41.00	3.89	3.00	9.15 14.00
Gorton-Pew Fisheries Co. Ltd., Gloucester, Mass.								
7542	Gorton's Al-Blend "Junior"	A. E. Hall, Wallingford	8.32	44.88	40.00	8.04	6.00	6.10 8.00
7500	Gorton's Al-Blend "Senior"	Community Service, Canaan.....	8.00	43.75	40.00	10.04	7.50	5.47 8.00
6891	Gorton's Mar-Vi-Tic Blend	C. W. Campbell Co., Pawcatuck..	9.18	42.88	40.00	8.56	8.00	1.09 2.00
Grandin Brothers Corporation, Jamestown, N. Y.								
8869	Golden Harvest Complete Egg Mash	G. Merritt Thompson, Mansfield Depot	11.64	16.38	16.00	3.06	2.50	4.02 4.50
8871	Golden Harvest 14% Fitting Ration	G. Merritt Thompson, Mansfield Depot	11.84	19.50	14.00	3.94	3.00	8.18 11.00
9360	Golden Harvest Pasture Ration....	L. B. Whitford, Oneco	10.94	17.25	14.00	3.29	3.00	6.90 11.00
8867	Golden Harvest 16% Test Ration..	G. Merritt Thompson, Mansfield Depot	11.43	21.38	16.00	3.77	3.00	7.63 11.00
7180	Grandin's Baby Chick Grains.....	L. B. Whitford, Oneco	12.86	9.63	10.00	2.61	2.50	1.27 5.00
7553	Grandin's Calf Starter	Meeker Hardware, Danbury.....	11.74	16.81	18.00	2.86	3.00	7.30 10.00
9436	Grandin's Dry & Freshening Ration	Shepard & Whittimore, Putnam .	12.00	13.38	12.00	3.33	3.00	5.37 12.00
9048	Grandin's 14 Fitting Ration	Meeker Hardware, Danbury.....	11.07	16.31	14.00	3.07	3.00	6.22 10.00
7552	Grandin's Hi-Pro Pellets	Meeker Hardware, Danbury.....	13.16	20.44	22.00	3.19	3.00	4.75 5.00
7176	Grandin's Horse Feed.....	L. B. Whitford, Oneco	10.75	11.00	9.00	3.33	3.00	5.75 11.00
9049	Grandin's Intermediate Chick Grain	Meeker Hardware, Danbury.....	11.25	10.75	10.00	2.78	2.50	1.61 5.00
7554	Grandin's Laying Mash.....	Meeker Hardware, Danbury.....	13.38	21.38	20.00	2.98	2.00	4.64 4.50
7179	Grandin's 20 Milk Maker	L. B. Whitford, Oneco	9.50	19.88	20.00	2.63	3.00	7.47 10.00

7177	Grandin's Peerless 14 Fitting Ration	L. B. Whitford, Oneco.....	9.64	14.88	14.00	3.44	3.00	8.97	11.00
9047	Grandin's Rabbit Pellets.....	Meeker Hardware, Danbury.....	9.36	18.75	17.00	2.87	3.00	12.88	18.00
7385	Grandin's Start-To-Finish Mash....	Shepard & Whittemore, Putnam..	10.36	22.06	20.00	3.18	2.50	4.67	5.00
7178	Grandin's 16 Test Ration.....	L. B. Whitford, Oneco.....	10.14	16.75	16.00	2.83	3.00	6.75	10.00
7386	Grandin's 18 Test Ration.....	Shepard & Whittemore, Putnam..	10.36	20.69	18.00	3.40	3.00	5.27	10.00
The Great Atlantic & Pacific Tea Co., Minneapolis, Minn.									
9595	Daily Egg Laying Mash.....	A & P Warehouse, East Hartford..	8.58	20.31	20.00	4.58	3.00	7.97	7.50
Great Star Flour Mills Ltd., St. Marys, Canada									
7524	Wheat Shorts.....	P. Cutler, Inc., Colchester.....	11.06	14.88	14.00	5.00	5.00	6.67	8.00
Pablo Hadra & Cia. S. A., Buenos Aires, Argentina									
6607	Corn Distillers Grains (Dark).....	Meech & Stoddard, Middletown...	5.51	45.94	30.00	8.91	8.00	21.21	20.00
Haffenreffer & Co., Inc., Boston, Mass.									
7008	Haffenreffer & Co's. Brewers' Dried Yeast.....	Yantic Grain & Prod., Norwich...	8.01	39.13	41.00	0.76	0.80	2.02	5.50
Hales & Hunter Co., Chicago, Ill.									
7378	Pioneer Beef Fitting Ration.....	Putnam Farmers' Co-op. Ass'n, Inc., Putnam.....	10.70	13.13	12.00	3.09	3.00	5.35	6.02
9089	Pioneer Bull Feed.....	Belmont Feed Co., Cos-Cob.....	11.46	13.94	12.00	3.13	3.00	7.19	9.00
7380	Pioneer Calf Starter.....	Putnam Farmers' Co-op. Ass'n, Inc., Putnam.....	9.42	20.00	18.00	3.06	2.50	5.22	7.00
9402	Pioneer Dairy Fitting Feed.....	Putnam Farmers' Co-op. Ass'n, Inc., Putnam.....	12.16	15.25	14.00	3.25	3.00	7.10	9.00
7080	Pioneer Dairy Production 18.....	Wolf Savitsky & Sons, Shelton...	11.91	19.81	18.00	2.73	3.00	5.90	8.00
6883	Pioneer Dry & Freshening.....	Little & McKinney, Manchester...	12.79	14.50	12.00	3.68	2.50	6.70	8.00
7377	Pioneer Dry & Freshening.....	Putnam Farmers' Co-op. Ass'n, Inc., Putnam.....	11.23	14.56	12.00	3.44	2.50	7.12	8.00
9403	Pioneer Greeno.....	Putnam Farmers' Co-op., Ass'n, Inc., Putnam.....	12.86	14.38	12.00	1.80	2.50	14.65	15.00
6820	Pioneer Horse Feed.....	Little & McKinney, Manchester..	9.36	13.50	12.00	3.97	2.50	7.45	8.00
7082	Pioneer Pelleted Flaked 15 Dairy..	Wolf Savitsky & Sons, Shelton...	11.09	17.69	15.00	3.54	3.00	5.60	7.00
9090	Pioneer Pelleted Flaked 18 Dairy..	Belmont Feed Co., Cos-Cob.....	10.66	20.56	18.00	2.89	3.00	6.38	7.00
9435	Pioneer Rabbit Pellets.....	Putnam Farmers' Co-op. Ass'n, Inc., Putnam.....	9.00	18.44	16.00	3.32	2.00	8.19	15.00
7081	Red Comb All Mash Layer.....	Wolf Savitsky & Sons, Shelton...	10.21	19.63	17.00	3.76	3.50	4.55	5.50

Illinois Cereal Mills, Inc., Paris, Ill.									
7352	Hominy Feed	Litchfield County Co-op. Ass'n., Torrington	10.26	11.94	10.00	6.90	5.00	4.67	6.00
J. F. Imbs Milling Co., St. Louis, Mo.									
7443	Charm Pure Winter Wheat Bran...	Libner Grain Co., Norwalk	13.96	17.06	14.00	4.22	3.50	8.72	11.00
Industrial Molasses Corp., Minneapolis, Minn.									
9095	Dried Molasses-Beet Pulp	Reliable Grain & Feed, Meriden ..	10.41	9.88	7.00	0.74	0.30	15.16	20.00
International Milling Co., Minneapolis, Minn.									
6779	Blackhawk Wheat Bran with Ground Mixed Screenings	Boston Grain Co., Willimantic ...	10.91	15.50	13.50	3.54	2.50	11.87	12.00
9302	Blackhawk Wheat Standard Mixings with Ground Mixed Screenings	C. W. Campbell Co., Pawcatuck.	11.00	15.13	14.00	5.15	3.00	6.99	9.50
6727	Target Wheat Reddog	C. L. Adams Co., Southbury	9.37	17.50	15.00	3.96	2.00	2.82	4.00
Iowa Milling Co., Cedar Rapids, Iowa									
6892	Hygrade 44% Protein Solvent Extracted Soybean Oil Meal	C. W. Campbell Co., Pawcatuck ..	13.22	44.50	44.00	0.63	0.50	6.55	7.00
Herman Isacs, Inc., Bridgeport, Conn.									
6810	Hi-Test Meat & Bone Scrap	Central Conn. Co-op. Farmers' Ass'n., Manchester	6.82	51.63	50.00	3.86	2.00	1.75	3.00
6813	Hi-Test Meat & Bone Scrap	Central Conn. Co-op. Farmers' Ass'n., Manchester	5.61	51.75	50.00	3.89	2.00	1.80	3.00
Kellogg Company, Battle Creek, Mich.									
8963	Kellogg's Hominy Feed	Yantic Grain & Prod., Norwich ..	10.59	10.06	9.50	7.19	5.00	2.95	5.00
Spencer Kellogg & Sons, Inc., Buffalo, N. Y.									
9550	Spencer Kellogg's 34% Old Process (Expeller) Linseed Oil Meal	Yantic Grain & Prod., Norwich ..	10.57	33.63	34.00	2.54	3.50	10.38	10.00
7442	Spencer Kellogg's 44% Protein Toasted Soybean Oil Meal—Solvent Extracted	Libner Grain Co., Norwalk	12.06	48.00	44.00	0.99	0.50	5.30	7.00
Kentucky By-Products Corp., Louisville, Ky.									
6787	Brewer's Dried Grain	Seymour Grain & Coal, Seymour ..	7.30	23.19	22.00	6.14	6.00	14.10	18.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)			Fat		Fiber		
			Moist- ure	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than		
									Pounds per hundred (or per cent)	
Keystone Dehydrators, Nazareth, Pa.										
8838	Keystone Super-Green Dehydrated Alfalfa Meal.....	Wolf Savitsky & Sons, Shelton..	7.02	18.75	17.00	2.18	2.00	28.30	27.00	
Chas. A. Krause Milling Co., Milwaukee, Wis.										
9382	Badger Yellow Hominy Feed.....	Checkerboard Feed, New Milford.	10.65	11.56	10.00	5.54	5.00	3.75	6.00	
Kuder Pulp Sales Co., Lake Alfred, Fla.										
9560	Kuder Dried Citrus Pulp High Sugar	Elmore Conn. Store, Thomaston .	8.47	7.25	6.00	5.00	5.00	10.93	13.00	
9357	Kuder Dried Citrus Pulp High Sugar Late Production.....	United Co-op. Farmers, Moosup .	9.54	6.88	6.00	3.92	3.00	9.30	13.00	
L. C. Latimer, South Coventry, Conn.										
7103	College 18% Dairy Ration.....	L. C. Latimer, South Coventry....	11.04	18.06	18.00	3.71	4.00	8.90	9.00	
8937	College Growing Mash.....	L. C. Latimer, South Coventry....	14.18	16.56	17.50	4.42	3.50	6.98	6.00	
7102	College Mash with Oil.....	L. C. Latimer, South Coventry....	11.61	21.06	17.50	3.84	4.50	6.20	8.00	
Lauroff Grain Co., Danville, Ill.										
7089	Vermilion Hominy Feed	Meech & Stoddard, Middletown..	10.11	12.50	9.00	6.59	5.00	4.95	6.00	
Lauroff Soya Co., Danville, Ill.										
7551	44% Protein Solvent Extracted Soybean Oil Meal.....	A. F. Hall, Wallingford.....	12.26	47.06	44.00	0.73	0.50	5.57	7.00	
Libby, McNeill & Libby, Chicago, Ill.										
9348	Headliner Brand Dried Citrus Pulp	Elmore Conn. Store, Plainfield...	10.56	6.25	5.00	1.75	2.50	8.89	15.00	
The Libner Grain Co., Norwalk, Conn.										
7441	Libner's Blue Ribbon 16% Dairy Ration.....	Libner Grain Co., Norwalk	13.46	18.75	16.00	3.44	5.00	6.68	8.00	

9340	Libner's Blue Ribbon Growing Mash	Libner Grain Co., Norwalk.....	10.05	24.38	18.00	5.18	4.00	5.37	6.00
7459	Libner's Blue Ribbon Horse & Calf Ration.....	Libner Grain Co., Norwalk.....	12.81	11.31	10.50	3.69	3.50	6.20	7.00
9339	Libner's Blue Ribbon Milk Egg Mash.....	Libner Grain Co., Norwalk.....	10.26	23.25	20.00	4.42	3.00	5.22	6.50
9343	Libner's 20% Milkflow Dairy Ration	Libner Grain Co., Norwalk.....	10.71	21.19	20.00	3.34	4.00	6.97	9.00
Litchfield County Co-operative Ass'n., Inc., Torrington, Conn.									
7358	"Common Sense" Laying Mash....	Litchfield County Co-op. Ass'n., Torrington.....	10.37	17.63	18.00	3.29	3.50	4.42	7.00
McMillen Feed Mills, Fort Wayne, Ind.									
7114	Master Blend Dairy Concentrate...	Fred C. Morse & Son, Guilford..	9.69	33.69	33.00	1.22	0.50	6.40	9.00
9542	Master Mix Beef Concentrate.....	Seymour Grain & Coal, Seymour..	9.78	33.56	32.00	1.16	1.00	8.57	9.50
9534	Master Mix Broiler Finisher.....	Seymour Grain & Coal, Seymour..	10.82	18.88	18.50	4.91	4.00	3.47	4.00
6783	Master Mix Bulky Feed.....	Seymour Grain & Coal, Seymour..	8.56	10.75	10.00	1.58	1.50	11.15	15.00
9535	Master Mix Calliac.....	Seymour Grain & Coal, Seymour..	4.68	18.75	18.00	10.74	11.00	0.13	0.50
9399	Master Mix Chick Concentrate.....	Fred C. Morse & Sons, Guilford..	9.35	36.88	36.00	3.96	4.00	5.11	5.50
6785	Master Mix Complete Calf Mix....	Seymour Grain & Coal, Seymour..	9.96	20.75	17.50	3.44	3.00	6.50	8.00
9530	Master Mix Complete Rabbit Pellets	Seymour Grain & Coal, Seymour..	9.14	15.88	15.00	2.54	2.00	12.62	16.00
9323	Master Mix Complete Turkey Finisher.....	C. W. Campbell Co., Pawcatuck..	9.98	18.00	16.00	3.24	3.50	5.14	6.00
6788	Master Mix Fgg Concentrate.....	Seymour Grain & Coal, Seymour..	8.59	43.75	42.00	6.26	6.00	4.00	4.00
8809	Master Mix Egg Mash.....	Seymour Grain & Coal, Seymour..	10.87	23.31	20.00	2.79	2.50	4.79	7.00
6793	Master Mix Fitting Feed.....	Seymour Grain & Coal, Seymour..	9.41	15.19	12.00	3.04	3.00	7.05	9.00
9557	Master Mix Hi-Calorie Broiler Concentrate.....	Machnicki's Grain, Jewett City..	9.87	43.69	44.00	4.89	4.50	2.99	3.00
9324	Master Mix Hi-Calorie Egg-lac Pellets.....	C. W. Campbell Co., Pawcatuck..	10.11	23.75	22.00	4.99	4.50	2.85	3.50
9556	Master Mix Hi-Calorie Finisher Concentrate.....	Machnicki's Grain, Jewett City..	9.96	42.50	42.00	5.40	5.00	2.87	3.00
6897	Master Mix 35% Hog Concentrate.	C. W. Campbell Co., Pawcatuck..	10.76	35.50	35.00	1.77	1.50	6.82	9.00
7113	Master Mix Horse Feed.....	Fred C. Morse & Son, Guilford..	12.06	13.63	10.00	3.09	3.00	6.42	9.00
6789	Master Mix Layer Concentrate.....	Seymour Grain & Coal, Seymour..	8.24	37.69	34.00	4.18	2.50	6.26	7.50
6896	Master Mix Pig Concentrate.....	C. W. Campbell Co., Pawcatuck..	11.52	40.31	38.00	1.54	1.50	5.97	8.00
9325	Master Mix Pig-Ets.....	C. W. Campbell Co., Pawcatuck..	10.70	18.25	18.00	3.74	3.50	2.67	3.50
9322	Master Mix Sow Concentrate.....	C. W. Campbell Co., Pawcatuck..	9.91	36.88	34.00	1.89	1.50	7.22	9.00
6790	Master Mix Sow & Pig Concentrate	Seymour Grain & Coal, Seymour..	8.20	38.63	36.00	1.90	1.50	5.85	9.00
6895	Master Mix Turkey Breeder Pellets	C. W. Campbell Co., Pawcatuck..	11.59	25.44	25.00	2.74	2.50	5.95	7.50
8808	Master Mix Turkey Grower.....	Seymour Grain & Coal, Seymour..	9.67	22.25	20.00	4.11	3.50	3.49	5.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber			
			Moist- ure	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than		
Pounds per hundred (or per cent)										
Machnicki's Grain Store, Jewett City, Conn.										
7479	Machnicki's Hi-Energy All-Mash Layer.....	Machnicki's Grain, Jewett City .	10.00	18.19	15.50	3.84	3.50	3.32	4.50	
9187	The Manitoba Sugar Co. Ltd., Winnipeg, Canada Dried Molasses-Beet Pulp.....	Community Service, Inc., Canaan	9.68	10.06	7.00	0.84	0.30	15.08	20.00	
9366	Maple Leaf Milling Co., Ltd., Toronto, Canada Rex Wheat Bran.....	Soule Grain Co., New Milford....	10.12	15.00	14.00	4.31	3.50	10.35	12.00	
Maritime Milling Co., Inc., Buffalo, N. Y.										
9476	B-B Bull Brand "16" Dairy Ration .	Stephen Salus Feed, Winsted.....	10.56	19.25	16.00	5.14	4.00	8.33	10.00	
9073	B-B Complete Growing Ration.....	Savitt Grain Exch., Colchester....	10.61	20.25	16.00	3.99	3.00	4.89	6.50	
9475	B-B Horse Feed.....	Stephen Salus Feed, Winsted....	11.33	14.25	9.00	3.39	3.00	6.20	10.00	
7483	B-B Maco Breeder Mash.....	Stephen Salus Feed, Winsted.....	9.85	22.00	22.00	3.68	3.50	1.22	3.00	
9072	B-B Maco Complete Growing Ration	Savitt Grain Exch., Colchester....	10.69	21.06	18.00	3.28	3.00	2.03	3.00	
7484	B-B Maco Complete Laying Ration	Stephen Salus Feed, Winsted....	10.89	20.50	18.00	4.00	3.00	1.35	3.00	
9478	B-B Maco Egg Mash.....	Stephen Salus Feed, Winsted.....	10.61	24.25	21.00	2.59	3.00	2.15	3.00	
9477	B-B Scratch Feed.....	Stephen Salus Feed, Winsted.....	12.14	9.50	9.00	3.39	2.50	3.65	5.00	
Meadow Brook Farms, Nazareth, Pa.										
9455	Meadow Brook Farms Dehydrated Alfalfa Meal.....	Derby Feed Store, Derby	7.26	17.13	17.00	2.64	2.00	22.78	27.00	
Meech & Stoddard, Inc., Middletown, Conn.										
9261	M & S Economy Dairy Feed ...	Meech & Stoddard, Middletown..	9.11	17.81	16.00	3.64	3.50	9.65	10.00	
9264	Red Wing Calf Starter & Grower .	Meech & Stoddard, Middletown..	10.50	18.06	16.00	3.60	3.50	5.91	8.00	
7580	Red Wing 15% Dairy Feed	Meech & Stoddard, Middletown..	14.15	16.69	15.00	3.74	3.80	6.12	9.00	
9262	Red Wing Fitting Ration	Meech & Stoddard, Middletown..	9.86	14.75	14.00	4.09	4.00	9.24	10.00	

9263 Red Wing Growing Mash.....	Meech & Stoddard, Middletown..	9.61	18.75	17.00	2.90	3.00	8.77	3.00
7091 Red Wing Horse Feed.....	Meech & Stoddard, Middletown..	11.79	11.13	9.00	4.02	3.50	4.55	8.00
8884 Red Wing Laying Mash.....	Meech & Stoddard, Middletown..	10.86	16.19	18.00	3.49	3.20	8.80	8.00
9588 Red Wing Laying Mash.....	Meech & Stoddard, Middletown..	9.81	17.50	18.00	3.15	3.20	7.77	8.00
8887 Red Wing Pig & Hog Feed.....	Meech & Stoddard, Middletown..	13.54	12.88	17.50	2.69	4.00	7.20	7.90
9589 Red Wing Pig & Hog Feed.....	Meech & Stoddard, Middletown..	10.96	14.19	17.50	2.71	4.00	7.14	7.90
7581 Red Wing Starting Mash.....	Meech & Stoddard, Middletown..	12.46	20.75	18.00	3.96	3.70	1.57	6.30
7582 Red Wing Stock Feed.....	Meech & Stoddard, Middletown..	12.44	10.00	10.00	1.94	2.50	11.47	11.00
9591 Special Balance Growing Mash..	Meech & Stoddard, Middletown..	9.87	18.38	18.00	3.24	3.50	6.59	6.00
9265 Special Balance High Efficiency Complete Growing Mash.....	Meech & Stoddard, Middletown..	10.49	23.13	14.00	3.26	3.50	3.79	5.00
8886 Special Balance High Efficiency Complete Laying Mash.....	Meech & Stoddard, Middletown..	10.50	18.06	16.00	3.50	3.00	7.50	5.00
9592 Special Balance High Efficiency Complete Laying Mash.....	Meech & Stoddard, Middletown..	9.82	17.63	16.00	3.53	3.00	5.00	5.00
8885 Special Balance Laying Mash.....	Meech & Stoddard, Middletown..	10.65	19.31	20.00	3.62	3.00	6.60	6.00
9590 Special Balance Needy-Pen Anti- biotic Laying Mash.....	Meech & Stoddard, Middletown..	10.87	17.50	20.00	2.73	3.00	5.99	6.00
7583 Special Balance Starting Mash.....	Meech & Stoddard, Middletown..	12.44	20.50	20.00	3.15	3.50	4.95	6.00
The Mennel Milling Co., Toledo, Ohio								
9594 Memo Wheat Flour Middlings with Mill Run Screenings.....	L. Broder & Co., Colchester.....	10.71	17.38	14.00	3.92	3.50	6.48	6.00
Menominee Sugar Co., Green Bay, Wis.								
7562 Dried Beet Pulp.....	Stephen Salus Feed, Winsted....	12.14	9.13	7.00	0.50	0.30	18.92	22.50
George J. Meyer Malt & Grain Corp., Buffalo, N. Y.								
8968 Malt Sprouts.....	Yantic Grain & Prod., Norwich..	10.67	30.44	25.00	1.25	1.40	10.13	14.00
Miller Alfalfa Co., Defiance, Ohio								
9454 Miller's Choice Brand Dehydrated Alfalfa Meal 17%.....	Derby Feed Store, Derby.....	8.08	17.25	17.00	2.39	1.50	25.36	27.00
Miner-Hillard Milling Co., Wilkes-Barre, Pa.								
8962 Choice Steam Cooked Hominy Feed	A. E. Hall, Wallingford	11.41	11.00	10.00	5.29	5.00	2.67	5.00
9074 M-H Dairy Feed 18%.....	Bloomfield Farmers' Exchange Inc., Bloomfield.....	9.04	21.31	18.00	4.59	3.50	7.81	9.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber	
			Moist- ure	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)								
Minnesota Linseed Oil Co., Minneapolis, Minn.								
7460	Minnesota 36% Protein Solvent Extracted Linseed Oil Meal.....	Derby Feed Store, Derby....	10.30	37.69	36.00	1.73	0.50	7.95 9.50
Minute Maid Corporation, Leesburg, Fla.								
6757	Golden Isle Citrus Pulp.....	Checkerboard Feed, Willimantic .	8.79	6.13	5.50	3.87	2.75	10.60 15.00
9451	Sunfilled Brand Citrus Pulp.....	Derby Feed Store, Derby.....	8.65	6.25	5.50	2.22	2.75	12.03 15.00
Montmorency Distillery Ltd., Beaufre, Canada								
8969	Corn Distillers Dried Grains.....	Yantic Grain & Prod., Norwich..	7.57	32.25	27.00	7.17	5.00	10.86 14.60
Geo. Q. Moon & Co. Inc., Binghamton, N. Y.								
7457	Moon Complete Laying Mash.....	Libner Grain Co., Norwalk.....	10.71	16.50	16.00	4.16	4.50	5.90 6.50
9217	Moon Dairy Fitting Ration.....	Curtis & Collar, Norfolk.....	13.31	14.63	14.00	4.14	4.00	9.25 9.00
9218	Moon 16% Dairy Ration.....	Curtis & Collar, Norfolk.....	13.38	18.75	16.00	3.37	4.00	8.34 10.00
7495	Moon Growing Mash.....	Curtis & Collar, Norfolk.....	8.86	20.00	18.00	3.96	4.00	6.35 6.50
7491	Moon Hog Feed.....	Curtis & Collar, Norfolk.....	9.46	15.63	15.00	4.04	3.00	5.90 7.50
7492	Moon Horse Feed.....	Curtis & Collar, Norfolk.....	10.04	11.25	9.00	3.43	1.50	6.42 10.00
7494	Moon Laying Mash.....	Curtis & Collar, Norfolk.....	9.25	20.25	20.00	4.84	4.00	5.42 6.50
8856	Moon N. E. Complete Laying Mash.	Brooklawn Grain, Bridgeport...	10.46	21.25	16.00	4.11	3.00	6.05 9.00
7440	Moon Rabbit Pellets.....	Libner Grain Co., Norwalk.....	12.05	16.44	15.00	3.44	2.50	9.60 12.00
7493	Moon Scratch Feed.....	Curtis & Collar, Norfolk.....	12.29	10.13	10.00	2.36	2.00	2.22 5.00
Fred C. Morse & Son, Guilford, Conn.								
9398	Old Mill Complete Pullet Grower...	Fred C. Morse & Son, Guilford...	10.86	16.50	16.00	4.29	3.00	4.26 5.00
7111	Old Mill 16% Dairy Feed.....	Fred C. Morse & Son, Guilford..	12.09	15.75	16.00	3.24	2.50	5.25 8.00
7112	Old Mill Fitting Feed.....	Fred C. Morse & Son, Guilford..	12.09	14.13	14.00	3.74	3.00	4.75 8.00
7109	Old Mill Growing Mash.....	Fred C. Morse & Son, Guilford..	10.59	19.44	18.00	4.03	3.50	5.85 6.50
9396	Old Mill Hi-Calorie Broiler Finisher	Fred C. Morse & Son, Guilford..	11.61	18.88	20.00	4.29	4.00	1.91 2.75
9395	Old Mill Hi-Calorie Broiler Mash..	Fred C. Morse & Son, Guilford..	11.36	23.25	23.00	4.54	4.00	2.16 2.75

9397	Old Mill Hi-Calorie Complete Layer	Fred C. Morse & Son, Guilford ..	11.41	17.81	17.00	4.59	4.50	2.08	3.50
9394	Old Mill High-Energy Laying Mash	Fred C. Morse & Son, Guilford ..	11.36	17.06	16.00	3.73	3.00	4.22	5.00
7110	Old Mill Laying Mash.....	Fred C. Morse & Son, Guilford ..	11.16	21.44	20.00	3.50	3.50	6.77	7.50
9401	Old Mill Rabbit Pellets.....	Fred C. Morse & Son, Guilford ..	10.46	15.19	14.00	3.00	3.00	10.67	15.00
Mowat, Wilson & Co., Detroit, Mich.									
7182	Dried Beet Pulp.....	United Co-op. Farmers, Moosup ..	8.26	9.06	7.00	0.31	0.30	19.36	22.50
9227	Dried Beet Pulp.....	Farmers Feed & Supply, Bristol..	10.67	8.81	7.00	0.80	0.30	19.53	22.50
Nappanee Milling Co., Inc., Nappanee, Ind.									
9450	Hominy Feed.....	Derby Feed Store, Derby.....	10.98	10.81	10.00	7.03	6.50	3.53	6.00
National Alfalfa Dehydrating & Milling Co., Lamar, Colo.									
9555	Jack Rabbit 17% Protein Dehydrated Alfalfa Meal.....	Yantic Grain & Prod., Norwich..	6.01	18.75	17.00	3.11	1.50	21.42	27.00
National Biscuit Co., Toledo, Ohio									
7503	Namico.....	Community Service, Inc., Canaan	10.31	15.44	14.00	3.92	3.50	5.52	9.00
7496	Pure Wheat Bran.....	Community Service, Inc., Canaan	9.90	13.81	13.00	3.99	3.00	9.70	10.00
National Distillers Products Corp., New York, N. Y.									
7077	Corn Distillers Dried Grains.....	Wolf Savitsky & Sons, Shelton...	4.64	29.00	25.00	6.03	6.00	12.02	15.00
8807	Produlac Brand Corn Distillers Dried Grains with Solubles.....	Seymour Grain & Coal, Seymour ..	8.71	27.75	25.00	8.44	6.00	6.44	9.00
National Foods, Inc., Indianapolis, Ind.									
7090	Pulverized Feed Oats.....	Meech & Stoddard, Middletown..	9.22	11.88	11.00	2.24	2.00	14.17	15.00
Neumond, Inc., St. Louis, Mo.									
9304	Standard's 13% Suncured Steamed Dairy Cut Alfalfa.....	C. W. Campbell, Co., Pawcatuck.	6.51	13.94	13.00	2.26	1.00	27.39	33.00
New England Milk Producers' Ass'n., West Springfield, Mass.									
7458	Non-Fat Dried Milk Solids.....	Libner Grain Co., Norwalk.....	7.86	34.38	....	0.59	....	0.00	....
New Jersey Menhaden Products Inc., Wildwood, N. J.									
9461	Hi-Seas Menhaden Fish Meal.....	Wolf Savitsky & Sons, Shelton...	7.68	62.69	60.00	9.70	6.00	0.43	2.00
Northern Ohio Sugar Co., Denver, Colo.									
6805	GW Dried Beet Pulp.....	Naugatuck Grain, Union City....	8.34	8.63	7.00	0.44	0.30	18.57	22.50

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein N x 6.25)		Fat		Fiber			
			Moist- ure	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than		
Pounds per hundred (or per cent)										
Ogden Grain Co., Utica, N. Y.										
7046	Ogden Breeder Mash.....	Thomaston Supply Co., Thomas- ton.....	10.44	20.94	20.00	4.04	4.50	3.87	5.00	
7188	Ogden Complete Chick Starter....	Ogden Feed, Central Village.....	10.01	21.56	20.00	4.74	4.00	5.37	6.00	
7190	Ogden 16% Dairy Feed.....	Ogden Feed, Central Village.....	9.96	18.63	16.00	3.28	3.50	6.90	9.00	
9007	Ogden Developer Feed.....	Thomaston Supply Co., Thomas- ton.....	12.71	11.50	8.50	3.04	3.00	1.80	3.50	
9479	Ogden Fitting Ration.....	Stephen Salus Feed, Winsted.....	10.36	14.94	14.00	3.30	3.00	6.54	9.00	
7047	Ogden Growing Mash.....	Thomaston Supply Co., Thomas- ton.....	10.70	19.06	18.00	3.69	3.00	5.80	6.50	
9005	Ogden Hi-Energy Laying Mash....	Thomaston Supply Co., Thomas- ton.....	11.50	20.63	16.00	4.74	4.00	4.26	4.50	
7481	Ogden Horse Feed.....	Stephen Salus Feed, Winsted....	10.00	11.63	10.00	4.04	3.00	6.62	9.00	
9006	Ogden Laying Mash.....	Thomaston Supply Co., Thomas- ton.....	11.20	17.50	20.00	3.69	3.00	7.00	6.00	
7341	Ogden Rabbit Pellets.....	Ogden Feed, Central Village.....	10.42	19.50	18.00	3.34	3.00	9.05	12.00	
7189	Ogden Scratch Grains.....	Ogden Feed, Central Village.....	11.66	10.81	9.00	3.64	3.00	2.65	6.00	
7045	Ogden Super Hi-Energy Laying Mash.....	Thomaston Supply Co., Thomas- ton.....	10.79	21.63	20.00	4.50	4.50	4.70	5.00	
7482	Ogden U-T-K Fitting Ration.....	Stephen Salus Feed, Winsted....	9.63	15.81	14.00	3.66	3.00	8.57	12.00	
9480	Ogden U-T-K Sweet 16%.....	Stephen Salus Feed, Winsted....	10.74	18.75	16.00	3.40	3.00	8.92	12.00	
9010	Ogden U-T-K Sweet 18%.....	Thomaston Supply Co., Thomas- ton.....	11.01	20.25	18.00	3.41	3.00	8.34	12.00	
Ogilvie Flour Mills Co. Ltd., Montreal, Canada										
9085	Ogilvie Wheat Bran.....	The Spencer Co., Suffield.....	9.97	14.38	14.00	4.91	3.50	11.14	11.50	
The Park & Pollard Co., Buffalo, N. Y.										
7388	Emergency Ration 16A.....	John Bennett, Putnam.....	10.46	17.19	16.00	4.09	3.00	5.15	9.00	
9059	Green Acres 14%.....	P. Cutler, Inc., Colchester.....	10.39	15.88	14.00	3.54	3.00	9.86	11.00	

6772	Hi-Prime Complete Turkey Grower	W. D. Grant Co., Willimantic.....	10.56	21.44	20.00	3.69	3.50	4.72	5.50
9053	Hi-Prime Turkey Fitting Ration...	P. Cutler, Inc., Colchester.....	12.65	13.44	12.00	3.46	3.00	3.87	8.50
6770	Lay or Bust All Mash Layer.....	W. D. Grant Co., Willimantic.....	10.24	17.94	16.00	3.69	3.50	4.90	5.00
6725	Lay or Bust Egg Mash.....	C. L. Adams Co., Southbury.....	7.46	21.25	20.00	3.96	3.50	5.10	6.00
9054	Lay or Bust Fleshing Pellets.....	P. Cutler, Inc., Colchester.....	10.71	17.50	16.00	3.59	3.50	3.80	5.00
6729	Lay or Bust Growing Feed.....	C. L. Adams Co., Southbury.....	7.96	20.81	18.00	4.00	3.50	5.20	6.00
8880	Lay or Bust Hi-Power 20% Broiler Ration.....	Cheshire Grain, West Cheshire...	12.07	21.88	20.00	3.89	3.50	2.90	4.00
9520	Lay or Bust Hi Valu Pellets.....	Spencer Grain Co., Waterbury...	9.46	16.13	12.00	3.74	3.00	5.07	6.50
8996	Milk Maid Bulky Sweet Dairy.....	H. S. Coe & Co., Waterbury.....	10.73	14.88	12.00	3.54	2.50	8.20	14.00
6771	Milk Maid Calf Starter.....	W. D. Grant Co., Willimantic.....	10.80	18.63	19.00	4.14	3.00	5.32	8.00
6726	Milk Maid 16% Dairy Ration.....	C. L. Adams Co., Southbury.....	6.63	19.06	16.00	4.14	3.50	8.52	9.00
6745	Milk Maid 20% Dairy Ration.....	C. L. Adams Co., Southbury.....	11.17	21.63	20.00	3.99	3.50	7.45	9.00
9057	Milk Maid Dri-Fresh Ration.....	P. Cutler, Inc., Colchester.....	10.07	17.25	12.00	3.84	3.00	9.40	10.00
6746	Milk Maid Fitting Ration.....	C. L. Adams Co., Woodbury.....	10.86	16.75	14.00	3.83	3.00	8.02	9.00
9004	Milk Maid Sheep & Goat Feed.....	H. S. Coe & Co., Waterbury.....	11.41	18.00	16.00	3.13	3.00	4.75	9.00
9056	Milk Maid 14% Test Ration.....	P. Cutler, Inc., Colchester.....	11.10	18.44	14.00	4.09	4.00	7.08	9.00
6750	Milk Maid 18% Test Ration.....	Spencer Grain Co., Waterbury...	11.12	17.94	18.00	4.44	4.00	6.37	9.00
9521	Park & Pollard Complete Chick Starter.....	Spencer Grain Co., Waterbury...	9.10	21.75	20.00	3.59	3.00	4.18	6.00
9055	Park & Pollard Complete Grower ..	P. Cutler, Inc., Colchester.....	10.84	16.25	15.00	3.89	3.00	4.72	6.00
6769	Park & Pollard Complete Layer....	W. D. Grant Co., Willimantic.....	9.75	18.06	15.00	3.40	3.00	5.87	6.00
6752	Park & Pollard 16% Dairy.....	Spencer Grain Co., Waterbury...	10.85	18.94	16.00	3.48	3.00	8.30	10.00
9063	Park & Pollard Go-Tu-It Pig Grower	P. Cutler, Inc., Colchester.....	9.62	15.31	14.00	3.50	3.50	4.12	7.00
9058	Park & Pollard Go-Tu-It Pig Starter	P. Cutler, Inc., Colchester.....	9.99	17.50	16.00	3.94	3.00	3.70	6.00
7522	Park & Pollard Hi-Speed Horse Feed	P. Cutler, Inc., Colchester.....	11.56	13.88	12.00	3.51	3.00	6.72	9.00
7523	Park & Pollard Laying Mash.....	P. Cutler, Inc., Colchester.....	9.67	20.88	20.00	3.73	3.00	6.12	7.00
6751	Park & Pollard Rabbit Pellets.....	Spencer Grain Co., Waterbury...	9.30	19.88	17.00	3.46	3.00	10.05	12.00
9502	Park & Pollard Stock Feed.....	W. D. Grant Co., Willimantic.....	11.36	14.94	10.00	2.85	2.00	6.65	12.00
9482	Red Ribbon 16% Dairy Ration....	Geo. W. Case Inc., New Hartford.	10.63	18.75	16.00	3.61	3.00	8.26	11.00
Parrish & Heimbecker Ltd., Toronto, Canada									
9583	Parrheim Brewers Dried Grains....	C. A. Cowles, Inc., Plantsville....	6.01	25.88	24.00	6.70	7.00	13.64	18.00
9458	Parrheim Pure Wheat Bran.....	Wclf Savitsky & Sons, Shelton...	10.56	14.25	14.00	3.57	3.50	7.76	11.50
Pasco Packing Co., Dade City, Fla.									
9076	Sugar Sweet Citrus Pulp.....	Bloomfield Farmers' Exch., Inc., Bloomfield.....	8.52	6.00	6.00	4.54	3.00	9.98	13.50

TABLE 1 ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than	
Pounds per hundred (or per cent)									
Penick & Ford Ltd., Inc., Cedar Rapids, Iowa									
9341	21% Protein Douglas Corn Gluten Feed.....	Libner Grain Co., Norwalk.....	9.56	23.63	21.00	1.34	1.00	7.66	10.00
Pierce Feed Co., Inc., Brooklyn, Conn.									
7438	Pierce Complete Breeder.....	Pierce Feed Co., Inc., Brooklyn..	12.64	18.75	17.00	4.88	3.50	4.35	5.00
9494	Pierce Complete Gro-N-Lay.....	Pierce Feed Co., Inc., Brooklyn..	11.56	18.75	17.00	4.14	3.00	5.25	6.00
7437	Pierce Special Breeder.....	Pierce Feed Co., Inc., Brooklyn..	12.07	21.69	20.00	3.86	3.00	5.40	6.00
7436	Pierce Special Gro-N-Lay.....	Pierce Feed Co., Inc., Brooklyn..	12.56	22.06	20.00	3.99	3.00	5.25	6.50
Pillsbury Mills, Inc., Minneapolis, Minn.									
9214	Pillsbury's XX Daisy.....	Community Service, Canaan.....	11.65	18.75	16.00	4.11	4.00	2.84	4.00
9179	Pillsbury's Hard Wheat Bran with Ground Wheat Screenings.....	R. W. Sandmeyer, Cornwall Bridge.....	10.63	16.25	14.00	4.41	4.00	10.20	12.00
9158	Pillsbury's Wheat Germ Meal.....	A. S. Labieniec, Kensington.....	11.15	26.75	25.00	9.54	9.00	3.46	4.00
9522	Pillsbury's Wheat Standard Middlings with Ground Wheat Screenings.....	Watertown Co-op. Ass'n., Inc., Watertown.....	11.26	18.00	15.00	4.63	4.00	8.07	9.50
Pillsbury of Canada Ltd., Midland, Canada									
8881	Dandy Wheat Bran.....	Meech & Stoddard, Middletown..	12.31	15.13	14.00	3.89	3.50	9.21	11.50
8835	Dandy Wheat Shorts.....	Wolf Savitsky & Sons, Shelton...	11.59	17.88	15.00	4.59	4.50	5.31	8.00
R. C. Pratt & Co. Ltd., Toronto, Canada									
7086	Ruler Brand Pure Wheat Shorts....	Meech & Stoddard, Middletown..	10.86	14.69	15.00	5.18	3.50	5.25	10.50
The Quaker Oats Co., Chicago, Ill.									
8814	Bell Cow Wheat Bran.....	Derby Feed Store, Derby.....	10.11	17.63	15.00	4.65	3.50	9.26	11.50
9515	Bell Cow Wheat Shorts.....	Central Conn. Co-op. Farmers' Ass'n., Manchester.....	10.66	18.63	15.00	5.70	4.00	8.19	8.00

9088	Ful-O-Pep Derwood Horse Crunch.	Belmont Feed Co., Cos-Cob.....	10.69	16.69	15.00	2.59	4.00	8.67	10.00
7535	Ful-O-Pep Egg-Breeder Mash.....	Riotte Grain, East Wallingford..	9.69	19.56	20.00	4.78	4.00	6.25	8.00
9250	Ful-O-Pep Fine Chick Grains.....	Riotte Grain, East Wallingford..	11.09	10.88	9.00	2.09	2.00	1.82	3.50
6885	Ful-O-Pep Fitting Feed.....	Little & McKinney, Manchester..	13.86	15.81	14.00	3.21	3.00	7.20	10.00
9251	Ful-O-Pep Fitting Feed.....	Riotte Grain, East Wallingford..	10.24	14.75	14.00	2.90	3.00	8.17	9.00
9254	Ful-O-Pep Growing Mash.....	Riotte Grain, East Wallingford..	9.88	20.00	19.00	3.35	3.50	5.83	8.00
7540	Ful-O-Pep High Sweet Blend.....	Riotte Grain, East Wallingford..	10.00	4.31	4.00	0.50	0.50	18.60	20.00
9155	Ful-O-Pep Laying Mash.....	Hartford Pet & Poultry, Hartford	11.55	23.50	23.00	3.94	4.00	4.48	5.00
9252	Ful-O-Pep Laying Ration.....	Riotte Grain, East Wallingford..	9.51	16.69	16.00	4.66	4.00	4.39	5.00
7537	Ful-O-Pep Milking Feed.....	Riotte Grain, East Wallingford..	11.06	17.19	16.00	2.64	2.50	6.63	11.00
9255	Ful-O-Pep Milking Feed.....	Riotte Grain, East Wallingford..	11.15	16.50	16.00	2.65	2.50	7.73	8.50
9253	Ful-O-Pep Pig-N-Sow Ration.....	Riotte Grain, East Wallingford..	9.56	17.31	16.00	3.94	3.50	5.57	6.00
7539	Ful-O-Pep Pig Starter.....	Riotte Grain, East Wallingford..	10.54	18.94	18.00	4.08	3.00	4.62	5.00
9249	Ful-O-Pep Sow Supplement.....	Riotte Grain, East Wallingford..	8.11	35.31	35.00	2.24	2.50	9.57	10.00
9154	Ful-O-Pep Super Greens Pellets....	Hartford Pet & Poultry, Hartford	11.13	19.00	19.00	4.29	4.00	5.28	8.00
7536	Ful-O-Pep Sweet 16 Dairy Feed....	Riotte Grain, East Wallingford..	10.26	17.94	16.00	2.48	2.50	10.82	12.00
9248	Ful-O-Pep 20% Turkey Grower Ration	Riotte Grain, East Wallingford..	9.71	20.19	20.00	3.10	2.50	4.64	5.00
7534	Ful-O-Pep Turkey Starter.....	Riotte Grain, East Wallingford..	11.01	26.75	26.00	3.09	3.00	5.92	6.50
7533	Quaker Sugared Schumacher Feed.	Riotte Grain, East Wallingford..	10.64	13.00	12.00	2.42	2.50	12.00	12.00
7538	Screened Cracked Corn.....	Riotte Grain, East Wallingford..	13.19	9.13	8.00	4.01	3.50	1.70	2.50
7011	Vim Oat Meal By-Product.....	Yantic Grain & Prod., Norwich..	6.64	3.19	2.50	1.14	1.00	28.10	32.00
Ralston Purina Co., St. Louis, Mo.									
7439	Emergency Mixed Feed A (E).....	Checkerboard Feed, Willimantic..	13.15	19.31	16.00	1.80	2.00	5.17	8.00
7362	Northeastern Scratch Feed.....	Checkerboard Dist. Warehouse, Torrington.....	12.66	10.56	9.00	1.93	2.00	2.82	5.00
9281	41% Protein Solvent Extracted Cot- tonseed Meal.....	Clapboard Hill Feed, New Canaan.....	9.41	42.63	41.00	2.14	1.00	11.11	14.00
9381	41% Protein Solvent Extracted Cot- tonseed Meal.....	Checkerboard Feed, New Milford..	10.85	42.75	41.00	1.99	1.00	9.51	14.00
7527	Purina B & M Cow Chow.....	Melzen Grain Co., Glastonbury..	10.91	16.25	16.00	3.24	3.50	5.47	10.00
9373	Purina Breeder Lay Chow E.....	Checkerboard Feed, New Milford	10.49	23.00	23.00	5.57	4.00	4.52	5.00
7470	Purina Breeder Layena (Complete Ration) E.....	Checkerboard Feed, Norwich.....	9.25	18.19	16.00	5.74	3.50	3.62	4.50
9028	Purina Broiler Chow Finisher E...	Deep River Farm Sup., Deep River.....	11.42	22.19	20.00	6.28	4.50	2.25	3.00
7361	Purina Bulky Las.....	Checkerboard Dist. Warehouse, Torrington.....	9.42	11.13	10.00	1.84	1.50	11.07	15.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)				Fat		Fiber						
			Moist- ure	Guaran- teed not less than		Found	Guaran- teed not less than	Found	Guaran- teed not less than						
				Pounds per hundred (or per cent)											
				Ralston Purina Co., St. Louis, Mo.—Cont.											
6754	Purina Calf Startena E.....	Checkerboard Feed, Willimantic .	10.89	20.50	19.50	3.34	2.50	6.22	8.50						
7473	Purina Chick Chow (Coarse).....	Checkerboard Feed, Norwich....	11.39	10.13	9.00	4.09	2.00	1.52	4.00						
6755	Purina Chick Chow (Fine).....	Checkerboard Feed, Willimantic..	13.16	11.00	10.00	3.19	2.00	1.20	4.00						
6707	Purina Chick Growena E.....	A. Hodos & Sons, Ansonia.....	10.55	19.50	17.00	5.06	3.00	4.82	7.00						
9181	Purina Complete Sow & Pig Chow E	R. W. Sandmeyer, Cornwall Bridge.....	9.74	17.63	16.00	2.83	2.50	5.30	6.00						
9283	Purina Cow Chow 14%.....	Clapboard Hill Feed, New Canaan	11.04	15.38	14.00	2.64	3.00	5.26	10.00						
7471	Purina Cow Chow 18%.....	Checkerboard Feed, Norwich....	10.31	19.25	18.00	2.64	3.00	5.05	10.00						
9022	Purina Cow Chow 16% (Coarse)...	New London Grain, New London	12.97	16.69	16.00	2.54	2.50	5.80	10.00						
9376	Purina Cow Chow Concentrate.....	Checkerboard Feed, New Milford.	9.71	33.13	32.00	2.98	1.50	5.90	10.00						
6705	Purina Cow Chow E 16%.....	A. Hcdos & Sons, Ansonia.....	10.99	16.81	16.00	2.89	3.00	5.70	10.00						
9285	Purina Cow Chow E 16%.....	Clapboard Hill Feed, New Canaan	9.82	19.06	16.00	2.93	3.00	5.83	10.00						
9368	Purina Cow Chow Supplement.....	Checkerboard Feed, New Milford	10.91	25.19	24.00	3.15	2.50	5.39	11.00						
6747	Purina D & F Chow.....	Franco-American Coal, Oakville.	11.12	15.31	12.50	2.76	2.50	7.13	11.00						
7428	Purina 14% Dairy Chow.....	Checkerboard Dist. Warehouse, Danielson.....	11.86	15.81	14.00	2.95	2.50	7.57	13.00						
9282	Purina Duck Growena E.....	Clapboard Hill Feed, New Canaan	9.93	19.94	18.00	3.74	3.00	4.02	7.00						
9027	Purina Egg Chow E.....	Deep River Farm Sup., Deep River.....	11.08	22.19	20.00	3.74	3.00	5.88	7.00						
9380	Purina Eggena E.....	Checkerboard Feed, New Milford	11.01	17.19	16.00	4.84	3.00	5.35	7.00						
9375	Purina Fox Chow.....	Checkerboard Feed, New Milford	9.89	25.50	20.00	4.67	3.00	5.00	6.00						
7525	Purina Game Bird Breeder Layena (Complete Ration).....	Melzen Grain Co., Glastonbury..	10.84	18.75	16.50	4.29	3.00	4.30	8.00						
8988	Purina Game Bird Growena E....	Checkerboard Feed, Norwich....	10.33	22.06	20.00	3.51	3.00	4.53	7.00						
9284	Purina Game Bird Startena.....	Clapboard Hill Feed, New Canaan	9.61	30.88	28.00	3.50	3.00	4.67	7.00						
6753	Purina Goat Chow E.....	Checkerboard Feed, Willimantic.	11.56	17.88	16.00	3.60	3.00	5.67	10.00						
9180	Purina Hog Fatena E.....	R. W. Sandmeyer, Cornwall Bridge.....	11.42	14.88	14.00	3.86	2.50	4.58	7.00						
9279	Purina Lay Chow E.....	Clapboard Hill Feed, New Canaan	8.96	24.69	23.00	5.14	3.50	4.86	5.00						

6706	Purina Layena (Complete Ration) E	A. Hodos & Sons, Ansonia.....	10.26	17.69	16.50	5.33	3.50	3.17	4.50
7360	Purina Milk Chow E 16%.....	Checkerboard Dist. Warehouse, Torrington.....	9.85	16.94	16.00	3.09	3.00	5.90	10.00
8989	Purina Mink Chow.....	Checkerboard Feed, Norwich.....	10.38	23.75	20.00	4.59	2.00	3.26	5.00
7475	Purina Nursing Chow.....	Checkerboard Feed, Norwich.....	6.21	27.50	25.00	2.29	2.50	0.42	1.50
6717	Purina Omolene.....	East Haven Hay & Grain, East Haven.....	9.65	11.88	10.00	4.07	3.00	7.12	11.00
9280	Purina Pigeon Chow Checkers E...	Clapboard Hill Feed, New Canaan	9.56	16.19	15.00	3.84	2.50	2.88	4.00
9379	Purina Pig Startena E.....	Checkerboard Feed, New Milford	9.53	20.31	18.00	5.04	4.00	4.37	6.00
7430	Purina Poultry Booster Chow E...	Checkerboard Dist. Warehouse Danielson.....	11.31	25.00	24.00	4.04	2.50	5.35	4.00
6758	Purina Pullet Developer E.....	Checkerboard Feed, Willimantic..	10.88	14.81	13.00	4.19	2.50	6.02	8.00
6749	Purina Rabbit Chow Checkers 20%	Franco-American Coal, Oakville..	14.02	21.88	20.00	2.41	2.00	12.55	16.00
7474	Purina Rabbit Chow Checkers (Complete Ration) E.....	Checkerboard Feed, Norwich.....	8.36	16.81	15.00	2.73	2.00	12.80	18.00
9377	Purina Range Checkers.....	Checkerboard Feed, New Milford	8.58	21.31	20.00	2.99	2.00	7.03	10.00
9378	Purina Roaster Chow E.....	Checkerboard Feed, New Milford	9.98	18.75	17.00	5.32	4.00	4.55	6.50
6748	Purina Special Steer Fatena.....	Franco-American Coal, Oakville..	10.31	33.88	32.00	2.84	2.00	7.65	12.00
7429	Purina Super Layena (Complete Ration) E.....	Checkerboard Dist. Warehouse, Danielson.....	10.70	18.31	17.00	7.83	7.00	3.00	4.50
9483	Purina Turkey Breeder Developer E	Checkerboard Dist. Warehouse, Torrington.....	9.31	14.94	14.00	3.45	3.00	6.31	8.50
9374	Purina Turkey Fatena E.....	Checkerboard Feed, New Milford	10.54	16.50	15.50	5.14	3.50	5.40	8.00
8987	Purina Turkey Growena E.....	Checkerboard Feed, Norwich.....	15.00	21.13	20.00	4.64	3.50	5.12	7.00
7359	Purina Turkey Startena E.....	Checkerboard Dist. Warehouse, Torrington.....	9.04	29.13	28.00	5.18	2.50	5.17	6.00
Reading Milling Co., Inc., Reading Pa.									
9452	Customer's Turkey Grower (Pellets)	Derby Feed Store, Derby.....	9.91	21.38	21.00	2.68	2.50	8.45	6.00
8830	Faramel Rabbit Food Pellets.....	Derby Feed Store, Derby.....	9.74	15.81	13.00	3.38	3.00	13.06	15.00
Reliable Grain & Fuel Co., Ansonia, Conn.									
6794	Reliable 16% Dairy Feed.....	Seymour Grain & Coal, Seymour..	10.51	17.44	16.00	3.12	3.50	6.60	9.00
H. M. Rubin Co., Inc., Long Island City, N. Y.									
7153	55% Rubco Meat Bone Meal.....	Fred C. Morse & Sons, Guilford..	7.70	54.69	55.00	3.88	2.00	2.35	3.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)			Fat		Fiber		
			Moist- ure	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Fiber		
Pounds per hundred (or per cent)										
Russell-Miller Milling Co., Minneapolis, Minn.										
7543	Occident Wheat Bran.....	A. E. Hall, Wallingford.....	11.00	18.06	14.50	4.19	4.00	9.55	11.00	
9003	Occident Wheat Bran.....	H. S. Coe & Co., Waterbury.....	11.16	17.38	14.50	4.26	4.00	10.11	11.00	
6768	Occident Wheat Standard Middlings	W. D. Grant Co., Willimantic.....	10.21	16.63	15.00	5.18	4.00	8.42	9.50	
9008	Wheat Red Dog.....	Thomaston Supply Co., Thomas- ton.....	12.36	19.56	16.50	4.89	3.50	3.30	4.00	
Wolf Savitsky & Sons, Inc., Shelton, Conn.										
7054	Wolf's Calf Ration.....	Wolf Savitsky & Sons, Shelton...	10.80	21.88	18.00	2.59	3.00	6.42	8.50	
7052	Wolf's Complete Hi-Eff Egg Breeder Mash.....	Wolf Savitsky & Sons, Shelton...	11.07	18.50	15.50	3.75	3.00	3.05	4.50	
9033	Wolf's Complete Hi-Eff Egg Breeder Mash.....	Newtown Farm Supply, Newtown	11.29	16.75	15.50	4.51	3.00	2.96	4.50	
8834	Wolf's Complete Hi-Eff Growing Mash.....	Wolf Savitsky & Sons, Shelton...	11.24	17.38	15.50	3.14	3.00	2.92	4.50	
7056	Wolf's Egg Mash.....	Wolf Savitsky & Sons, Shelton...	10.80	21.63	20.00	3.97	3.00	3.32	5.00	
8801	Wolf's Horse Feed.....	Newtown Farm Supply, Newtown	11.77	13.75	10.00	3.61	3.00	6.80	12.00	
7076	Wolf's Performo-Las.....	Wolf Savitsky & Sons, Shelton...	10.92	10.44	10.00	2.69	2.00	10.42	16.00	
8833	Wolf's Sweetened 14% Dairy Ration	Wolf Savitsky & Sons, Shelton...	10.91	15.81	14.00	3.79	3.00	6.69	9.00	
9032	Wolf's Sweetened 16% Dairy Ration	Newtown Farm Supply, Newtown	11.55	18.75	16.00	3.30	3.00	6.70	10.00	
7053	Wolf's Sweetened 18% Dairy Ration	Wolf Savitsky & Sons, Shelton...	10.58	20.50	18.00	3.89	3.00	7.10	9.00	
9457	Wolf's Sweetened 20% Dairy Ration	Wolf Savitsky & Sons, Shelton...	4.80	21.75	20.00	3.64	3.00	6.89	9.00	
Schenley Distillers, Inc., New York, N. Y.										
9456	Schenley Mark of Merit Corn Dis- tillers Dried Grains.....	Wolf Savitsky & Sons, Shelton...	8.04	26.50	24.00	8.04	5.00	9.06	13.00	
9459	Schenley Soludri Corn Distillers Dried Solubles.....	Wolf Savitsky & Sons, Shelton...	8.51	27.50	22.00	11.15	3.00	2.42	4.00	
Schoenck Farms, Inc., Nazareth, Pa.										
7108	Schoenck Super-Green Dehydrated Alfalfa Meal.....	University of Conn., Storrs.....	7.81	21.06	17.00	2.86	2.00	22.15	27.00	

Sea Board Supply Co., Philadelphia, Pa.									
9524	Crab Meal	Watertown Co-op. Ass'n. Inc., Watertown	8.22	26.38	31.00	1.01	1.00	10.46	14.00
9326	Dried Tomato Pomace	C. W. Campbell Co., Pawcatuck	6.51	20.44	20.00	12.15	10.50	25.94	31.00
Seymour Grain & Coal Co., Seymour, Conn.									
6792	Miracle All-Mash Layer	Seymour Grain & Coal, Seymour	10.01	15.50	15.00	4.24	3.00	5.77	6.50
3806	Miracle Dairy	Seymour Grain & Coal, Seymour	10.66	18.94	16.00	3.34	3.00	6.06	9.00
6786	Miracle Fitting Ration	Seymour Grain & Coal, Seymour	9.61	12.88	14.00	3.36	3.00	7.45	8.00
9532	Miracle 20% Grower	Seymour Grain & Coal, Seymour	9.80	21.88	20.00	3.75	3.00	6.06	6.50
6784	Miracle Laying Mash	Seymour Grain & Coal, Seymour	9.76	20.81	20.00	3.96	2.50	5.62	6.50
9533	Miracle Laying Mash	Seymour Grain & Coal, Seymour	9.95	20.13	20.00	3.60	3.00	5.15	6.50
9529	Miracle Scratch Feed	Seymour Grain & Coal, Seymour	12.38	10.88	10.00	3.04	2.50	2.45	6.00
9531	New England Mash	Seymour Grain & Coal, Seymour	9.67	21.56	18.00	3.60	3.00	7.11	8.00
6782	See-More Milk Dairy Ration 18%	Seymour Grain & Coal, Seymour	9.42	17.06	18.00	3.06	3.00	7.30	9.50
6791	See-More Milk Dairy Ration 20%	Seymour Grain & Coal, Seymour	9.97	18.75	20.00	3.02	3.00	7.37	9.50
The Sherwin-Williams Co., Cleveland, Ohio									
9034	Sherwin-Williams 34% Linseed Oil Meal	Wolf Savitsky & Sons, Shelton	12.39	33.81	34.00	4.69	3.50	8.69	10.00
9184	Sherwood Feed Mills, Inc., Baltimore, Md.	Community Service, Inc., Canaan	9.39	25.38	26.00	5.79	6.00	11.50	15.00
7012	Shirriff-Horsey Corp. Ltd., Plant City, Fla.	Yantic Grain & Prod., Norwich	8.50	7.19	6.00	7.71	3.00	12.37	15.00
7462	Allen V. Smith Inc., Marcellus Falls, N. Y.	Derby Feed Store, Derby	10.56	15.25	13.00	4.34	2.00	9.67	15.00
7030	B. T. Smith Concentrates, Inc., Lakeland, Fla.	C. A. Cowles, Inc., Plantsville	8.17	6.13	5.00	3.29	3.00	9.62	16.00
9462	The Smith Meal Co. Inc., Amagansett, N. Y.	Wolf Savitsky & Sons, Shelton	7.85	66.25	55.00	7.01	5.00	0.36	3.00

TABLE 1. ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber			
			Moist- ure	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than		
Pounds per hundred (or per cent)										
Southern Fruit Distributors Inc., Orlando, Fla.										
8972	Bluebird Citrus Pulp	The A. E. Shedd Co., Norwich . . .	10.11	6.38	6.00	2.41	3.50	13.64	17.00	
South Windsor Grain Co., South Windsor, Conn.										
9150A	Valley Laying Mash	So. Windsor Grain, So. Windsor . .	9.40	21.00	20.00	3.94	4.00	6.74	8.50	
A. E. Staley Manufacturing Co., Decatur, Ill.										
6261	Staley's 21 % Corn Gluten Feed	Riotte Grain, East Wallingford . .	8.66	23.13	21.00	3.21	1.50	6.35	8.00	
8859	Staley's 21 % Corn Gluten Feed	Brooklawn Grain, Bridgeport . . .	11.31	23.00	21.00	4.64	1.50	6.40	8.00	
6812	Staley's 44 % Protein Solvent Ext. Soybean Oil Meal	Central Conn. Co-op. Farmers' Ass'n., Manchester	9.46	47.63	44.00	1.16	0.50	5.80	7.00	
D. A. Stickell & Sons, Inc., Hagerstown, Md.										
7517	Su-Pur Rabbit Pellets	P. Cutler, Inc., Colchester	11.16	18.44	17.00	4.08	3.00	6.67	10.00	
Suni-Citrus Products Co., Haines City, Fla.										
9246	Sweet Suni-Citrus Pulp	Eastern States Farmers' Exch., Inc., North Haven	8.22	6.50	6.00	5.39	3.50	13.63	15.00	
Sunny Slope Farms, Inc., Nazareth, Pa.										
7154	Sunny Slope Farms Brand Dehy- drated Alfalfa Meal	Fred C. Morse & Son, Guilford . .	7.20	18.75	17.00	2.54	2.00	23.00	27.00	
Swift & Co., Fostoria, Ohio										
9186	Swift's 44 % Protein Solvent Ext. Soybean Oil Meal	Community Service, Inc., Canaan	10.46	47.63	44.00	1.46	0.50	5.72	7.00	
The Thomaston Supply Co., Inc , Thomaston, Conn.										
9009	Thomaston 18 % Dairy Ration	Thomaston Supply Co., Thomas- ton	11.51	20.06	18.00	3.00	4.00	6.36	9.00	

Topnotch Flour Mills, Seaforth, Canada

7155 Topnotch Wheat Bran.....	Fred C. Morse & Son, Guilford ...	12.06	16.06	15.00	4.39	3.50	9.27	11.50
7152 Topnotch Wheat Shorts.....	Fred C. Morse & Son, Guilford ...	12.20	16.19	14.00	3.79	3.50	5.52	8.00

Trexler Springwood Farms Division, Allentown, Pa.

9298 17% Buffalo Brand Dehydrated Alfalfa Meal.....	C. W. Campbell Co., Pawcatuck...	5.50	18.50	17.00	2.24	2.00	26.02	27.00
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Ultra-Life Laboratories, Inc., East St. Louis, Ill.

9544 Ultra-Life Beef-Gro	Seymour Grain & Coal, Seymour.	8.80	29.94	24.00	5.07	3.50	5.71	7.00
8804 Ultra-Life Calf Food Pellets	Seymour Grain & Coal, Seymour.	10.58	23.88	21.00	3.00	2.50	4.97	7.00
8803 Ultra-Life High Energy Poultry...	Seymour Grain & Coal, Seymour.	9.89	21.88	17.00	5.71	4.50	3.69	4.00
8805 Ultra-Life Livestock.....	Seymour Grain & Coal, Seymour.	7.71	27.13	23.00	1.99	1.50	2.91	4.50
9545 Ultra-Life New Turkey-Gro.....	Seymour Grain & Coal, Seymour.	10.96	27.19	24.00	4.48	3.50	4.05	6.00
9546 Ultra-Life Pig-Gro.....	Seymour Grain & Coal, Seymour.	8.71	21.88	19.00	5.29	4.00	4.40	6.00

United Co-operative Farmers, Inc., Fitchburg, Mass.

7434 UCF All Mash Grower & Layer...	United Co-op. Farmers, Danielson	13.41	15.44	15.00	5.19	4.00	2.95	5.00
7186 UCF Broiler Mash.....	United Co-op. Farmers, Moosup.	9.86	21.13	20.00	5.70	4.00	3.32	4.00
9445 UCF Calf Meal.....	United Co-op. Farmers, Danielson	7.57	30.75	25.00	7.30	1.00	1.04	2.00
9356 UCF Calf Starter.....	United Co-op. Farmers, Moosup..	11.63	20.13	20.00	3.38	3.00	5.11	6.00
7185 UCF 16% Dairy.....	United Co-op. Farmers, Moosup..	9.77	17.94	16.00	4.28	3.50	7.07	9.00
7435 UCF Fitting Ration.....	United Co-op. Farmers, Danielson	12.14	14.88	14.00	3.56	3.50	6.82	9.00
7181 UCF Grower.....	United Co-op. Farmers, Moosup.	9.86	20.94	20.00	4.89	4.00	4.45	5.00
9441 UCF Hi NRG All Mash.....	United Co-op. Farmers, Danielson	10.66	16.00	15.50	5.54	4.50	3.51	5.00
9355 UCF Hi NRG All Mash Grower & Layer.....	United Co-op. Farmers, Moosup..	11.14	15.50	15.50	5.57	4.00	3.57	5.00
9358 UCF Hi NRG Poultry Finishing Ration.....	United Co-op. Farmers, Moosup.	10.23	20.88	20.00	5.39	5.00	3.20	4.00
9446 UCF Horse Feed.....	United Co-op. Farmers, Danielson	10.46	11.38	9.00	4.11	3.00	5.23	9.00
7184 UCF Layer.....	United Co-op. Farmers, Moosup.	9.73	21.25	20.00	5.96	4.50	3.47	5.00
7432 UCF Milk-maker.....	United Co-op. Farmers, Danielson	11.86	18.94	18.00	3.68	3.50	6.84	9.00
9442 UCF Pig & Hog Feed.....	United Co-op. Farmers, Danielson	10.91	21.69	20.00	3.89	3.00	6.20	7.00
7187 UCF Poultry Fattening Ration...	United Co-op. Farmers, Moosup.	9.61	16.19	15.00	4.14	3.50	4.10	6.00
9444 UCF Poultry Fitting Ration.....	United Co-op. Farmers, Danielson	11.91	17.50	12.00	3.00	2.50	6.02	7.00
9354 UCF Super Broiler Mash.....	United Co-op. Farmers, Moosup.	10.21	23.81	22.00	5.64	5.00	2.60	3.50
7431 UCF Super Starter.....	United Co-op. Farmers, Danielson	11.66	21.38	20.00	5.94	4.00	3.20	4.00
9443 UCF Turkey Grower & Fattener...	United Co-op. Farmers, Danielson	10.11	20.81	20.00	4.85	3.00	3.78	6.00

TABLE 1 ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Continued

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber	
			Moist- ure	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than
Pounds per hundred (or per cent)								
Unity Feeds Inc., Boston, Mass.								
7532	Paycheck 18% Dairy Ration.....	Fairfield Grain, Fairfield.....	11.26	21.63	18.00	3.54	8.00	11.00
9406	Unity Bulky Mix Ration.....	Putnam Farmers' Co-op., Putnam	11.74	11.25	11.00	2.19	9.28	18.00
9405	Unity Calving Ration.....	Putnam Farmers' Co-op., Putnam	11.84	12.75	12.00	2.60	7.17	12.00
9018	Unity Complete Rabbit Pellets....	C. W. Campbell Co., Groton.....	10.41	20.50	16.00	5.64	8.07	20.00
9148	Unity Dairy & Fitting Ration.....	Hansen's Store, West Willington.	11.12	15.63	14.00	3.30	6.93	9.00
9147	Unity 16% Dairy Ration.....	Hansen's Store, West Willington.	10.71	17.44	16.00	3.24	7.24	9.00
9149	Unity 20% Dairy Ration.....	Hansen's Store, West Willington.	10.08	20.06	20.00	3.36	6.61	9.00
7531	Unity Growing & Laying Mash....	Fairfield Grain, Fairfield.....	9.71	22.06	20.00	3.39	5.97	6.00
9434	Unity High Energy Breeder Mash..	Putnam Farmers' Co-op., Putnam	10.66	18.25	16.00	4.13	3.60	4.00
7382	Unity High Energy Growing & Lay- ing Mash.....	Putnam Farmers' Co-op., Putnam	10.74	16.50	15.00	4.21	3.50	4.00
7530	Unity Horse Feed.....	Fairfield Grain, Fairfield.....	11.46	12.06	10.00	3.73	7.83	9.00
6893	Unity Improved Calf Ration.....	C. W. Campbell Co., Pawcatuck..	14.91	22.69	20.00	3.10	5.05	6.00
7379	Unity Pig & Hog Ration.....	Putnam Farmers' Co-op., Putnam	10.59	18.06	17.00	3.93	4.67	6.00
7383	Unity Scratch Feed.....	Putnam Farmers' Co-op., Putnam	11.85	10.69	9.00	3.44	3.32	5.00
8841	Unity Turkey & Game Bird Growing Mash.....	Wolf Savitsky & Sons, Shelton...	10.91	21.00	20.00	3.19	3.69	5.00
Universal Grain Co. of New Jersey, Newark, N. J.								
8840	Superior Cow Brand Dried Brewers Grains.....	Wolf Savitsky & Sons, Shelton...	7.25	26.19	26.00	5.42	11.96	17.00
The Watertown Co-operative Ass'n., Inc., Watertown, Conn.								
9523	Watertown Co-op. 16% Dairy Feed	Watertown Co-op. Ass'n., Inc., Watertown.....	10.56	18.75	16.00	4.52	7.11	9.00
H. K. Webster Co., Lawrence, Mass.								
7499	Blue Seal 16 "A" Dairy Ration....	Community Service, Inc., Canaan	10.41	17.38	16.00	3.30	6.72	9.00
7514	Blue Seal All-Mash Breeder's Ration	Einhorn's Grain, Colchester.....	12.01	17.50	16.00	4.58	2.92	4.00

7489	Blue Seal All-Mash Egg Ration	Stephen Salus Feed, Winsted	10.12	17.94	16.00	3.38	3.00	2.77	4.00
7602	Blue Seal All-Mash Egg Ration	Einhorn's Grain, Colchester	14.06	16.56	16.00	3.34	3.00	3.42	4.00
9156	Blue Seal All-Mash Growing Ration	Hartford Pet & Poultry, Hartford	11.29	16.94	16.00	3.29	3.00	3.26	4.00
7497	Blue Seal Calf Starter	Community Service, Inc., Canaan	8.49	20.81	19.00	3.86	3.50	6.12	7.50
7478	Blue Seal Coarse "16" Dairy Ration	Jewett City Farmers' Co-op., Jewett City	11.36	17.06	16.00	3.86	3.50	8.12	9.00
7476	Blue Seal Coarse "20" Dairy Ration	Jewett City Farmers' Co-op., Jewett City	8.60	20.50	20.00	3.74	3.50	7.62	9.00
9094	Blue Seal Economizer "16" Dairy Ration	Reliable Grain & Feed, Meriden	10.14	17.50	16.00	2.50	2.50	12.54	15.00
9157	Blue Seal Egg Mash	Hartford Pet & Poultry, Hartford	10.52	21.50	20.00	4.06	3.50	5.51	7.00
7513	Blue Seal Fat & Finish Ration	Einhorn's Grain, Colchester	10.62	19.56	18.00	4.59	4.00	3.20	4.00
7601	Blue Seal Fat & Finish Ration	Einhorn's Grain, Colchester	13.59	19.13	18.00	4.11	4.00	3.35	4.00
9044	Blue Seal Fine "16" Dairy Ration	Barnum Feed Store, Danbury	9.93	18.75	16.00	3.96	3.50	7.29	9.00
7488	Blue Seal Fine "20" Dairy Ration	Stephen Salus Feed, Winsted	8.79	21.88	20.00	3.84	3.50	7.27	9.00
7000	Blue Seal Fitting Ration	James Baker, Old Mystic	11.67	15.81	14.00	3.79	3.50	7.55	9.00
9294	Blue Seal Goat Feed	Roodner Feed Co., South Norwalk	10.26	18.56	16.00	3.74	3.50	7.50	9.00
9293	Blue Seal Growing Mash	Roodner Feed Co., South Norwalk	10.71	20.44	18.00	3.72	3.50	4.95	6.50
9183	Blue Seal Horse Feed	Community Service, Lakeville	11.75	12.50	10.00	3.92	3.00	5.57	9.00
9362	Blue Seal Pig Feed	L. B. Whitford, Oneco	10.88	17.00	15.00	5.04	4.00	4.28	6.00
9493	Blue Seal Poultry & Turkey Fitting	Pierce Feed Co., Brooklyn	11.56	13.10	12.00	2.68	2.50	4.61	6.00
9363	Blue Seal Rabbit Pellets	L. B. Whitford, Oneco	10.21	21.50	20.00	3.50	3.00	9.00	12.00
6999	Blue Seal Standard "16" Dairy Ration	James Baker, Old Mystic	11.61	17.13	16.00	3.38	3.00	7.10	9.00
9481	Blue Seal Standard 20 Dairy Ration	Stephen Salus Feed, Winsted	9.99	22.06	20.00	4.30	3.50	7.35	9.00
9093	Blue Seal Super Breeder's Mash	Reliable Grain & Feed, Meriden	11.04	20.00	20.00	4.18	4.00	3.51	4.00
9185	Blue Seal Test Ration	Community Service, Inc., Canaan	10.65	20.00	18.00	4.00	3.50	7.31	9.00
9045	Blue Seal Turkey Growing	Barnum Feed Store, Danbury	9.66	21.88	20.00	4.34	4.00	3.63	4.50
9096	Blue Seal Turkey Growing	Reliable Grain & Feed, Meriden	10.44	22.50	20.00	4.49	4.00	4.11	4.50
West-Nesbitt Inc., Oneonta, N. Y.									
9219	All Pure Milk Ration	L. Perillo Coal, Southington	10.78	22.06	20.00	3.95	3.50	6.52	10.00
9221	Cream Line 16% Dairy Ration	Farmers Feed & Supply, Bristol	11.36	17.63	16.00	3.18	3.50	7.12	10.00
7042	Cream Line Dairy Test Ration	Farmers Feed & Supply, Bristol	11.06	18.88	18.00	3.63	3.50	7.15	8.50
9226	Pure Feed Chick Grains	Farmers Feed & Supply, Bristol	12.66	10.88	9.00	3.17	2.50	1.72	3.00
9223	Pure Feed Complete Grower	Farmers Feed & Supply, Bristol	11.36	18.75	16.00	4.28	3.50	3.82	5.00
6716	Pure Feed Complete Layer-Breeder	East Haven Hay & Grain, East Haven	9.87	20.75	17.00	4.79	3.50	4.19	5.00

TABLE 1 ANALYSES OF COMMERCIAL FEEDS, INSPECTION OF 1956—Concluded

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber	
			Guaran- teed not less than		Guaran- teed not less than		Guaran- teed not more than	
			Found	Moist- ure	Found	Moist- ure	Found	Moist- ure
			Pounds per hundred (or per cent)					
The Yantic Grain & Products Co., Norwich, Conn.—Cont.								
9145	Big Y Hi-G Dairy Ration.....	Abington Grain Co., Abington....	20.63	9.46	2.40	3.00	10.92	14.00
7343	Big Y Hog & Pig Ration.....	Moosup Grain Co., Moosup.....	18.94	10.02	3.72	3.50	5.35	8.00
9020	Big Y Horse Feed.....	Harbor Grain Co., New London..	10.63	12.99	2.48	2.00	5.41	9.00
9350	Big Y Improved A1-Mo.....	Packer Grain Co., Canterbury...	12.69	9.56	1.86	1.50	16.63	17.00
6807	Big Y Improved Broiler Finisher...	Naugatuck Grain, Union City....	20.81	10.40	3.97	3.50	3.37	4.00
9438	Big Y Improved Broiler & Starter Ration.....	Putnam Big Y Grain, Putnam....	21.81	10.38	5.24	4.00	3.75	4.00
9553	Big Y Improved Turkey Starter & Game Bird Feed.....	Yantic Grain & Prod., Norwich..	29.06	9.63	4.35	3.50	4.66	5.00
9338	Big Y Intermediate Chick Grain...	Big Y Grain, Stepney.....	11.94	12.93	3.03	2.50	2.35	5.00
7342	Big Y 20% Laying Mash.....	Moosup Grain Co., Moosup.....	20.38	10.41	3.83	3.50	5.15	7.00
7345	Big Y M&O Growing Feed.....	Moosup Grain Co., Moosup.....	19.38	10.59	4.03	3.50	5.12	6.00
9100	Big Y Meat Pullet & Caponette Ration.....	Hamden Big Y Grain, Mt. Carmel	22.06	10.28	3.89	3.50	4.17	5.00
9330	Big Y Poultry Fitting Ration.....	Big Y Grain, Stepney.....	12.00	11.08	2.90	3.00	4.89	8.00
7558	Big Y Purity Dairy Ration 16%...	Big Y Feed, Danbury.....	17.38	12.81	3.59	3.50	8.25	9.00
9097	Big Y Rabbit Pellets.....	Hamden Big Y Grain, Mt. Carmel	16.63	10.26	2.98	3.00	9.63	10.00
9331	Big Y Sheep & Goat Feed.....	Big Y Grain, Stepney.....	17.88	10.15	3.09	3.00	7.21	8.50
6781	Big Y Stock Feed.....	Boston Grain Co., Willimantic	10.00	9.55	2.94	2.50	13.10	15.00
7344	Big Y Super Starter-Broiler Ration	Moosup Grain Co., Moosup.....	21.63	10.81	3.59	3.50	3.32	4.00
9031	Big Y Supreme Laying Mash.....	East Haddam Grain, East Had- dam.....	18.00	13.43	5.59	5.00	3.74	4.00
8843	Big Y Test Cow Ration.....	Conn. Reformatory, Cheshire....	16.63	11.81	3.16	3.00	5.68	8.50
8888	Big Y Test Cow Ration.....	Conn. State Hospital, Middletown	16.50	13.19	3.35	3.00	5.47	8.50
9295	Big Y Test Cow Ration.....	Conn. Farm for Women, Niantic.	18.13	11.31	3.09	3.00	7.15	8.50
9527	Big Y Test Cow Ration.....	Southbury Training School, Southbury.....	16.00	11.31	2.94	3.00	6.69	8.50
9098	Big Y Turkey Fattener.....	Hamden Big Y Grain, Mt. Carmel	21.44	10.36	3.50	3.50	5.56	7.00

9029	Big Y Turkey Growing Feed.....	East Haddam Grain, East Haddam.....	10.79	21.19	20.00	3.95	3.50	5.87	7.00
7368	Connecticut Flood Emergency Mixed Feed A.....	Big Y Feed, Torrington.....	11.44	16.50	16.00	2.88	3.00	5.20	8.50
7384	Connecticut Flood Emergency Mixed Feed A.....	Putnam Big Y Grain, Putnam...	10.35	15.88	16.00	3.36	3.00	5.55	8.50
Yieldmor Feeds, Inc., Piqua, Ohio									
7600	Yieldmor 16% Dairy Feed.....	L. Broder & Co., Colchester.....	13.50	22.13	16.00	2.18	3.00	5.30	8.00
9256	Yieldmor 14% Dairy Fitting Ration	L. Broder & Co., Colchester.....	11.91	15.63	14.00	3.17	3.00	6.65	8.00
7598	Yieldmor Hi-Energy Layer-Grower Mash.....	L. Broder & Co., Colchester.....	12.41	16.31	16.00	3.39	3.50	3.41	3.50
9260	Yieldmor 14% Hog Fattener.....	L. Broder & Co., Colchester.....	9.82	19.63	14.00	3.69	3.00	6.75	7.50
9258	Yieldmor Horse Feed.....	L. Broder & Co., Colchester.....	11.26	12.50	9.00	3.14	3.00	7.53	10.00
9259	Yieldmor Poultry Fitting Ration...	L. Broder & Co., Colchester.....	11.60	12.88	10.00	3.54	3.00	7.68	9.00
9257	Yieldmor Rabbit Pellets.....	L. Broder & Co., Colchester.....	9.25	15.31	14.00	3.84	3.00	8.19	10.00
7599	Yieldmor Sweet Feed.....	L. Broder & Co., Colchester.....	11.91	23.00	20.00	2.27	2.00	9.82	14.00

TABLE 2. VITAMIN D CARRIERS

Manufacturer	Brand name	Guaranteed, International Units per pound	Place, date of sampling and control number	Number of samples used	Satisfactory	Passed	Below guaranty
Astrol Products, Inc. Brooklyn, N. Y.	C.C.C.F. Premix	681,000	Manchester, 8/17, 8146	1	..	..	1
	Dry D	6,810,000	Manchester, 1/6, 7533	1	1	..	..
The Beacon Milling Co. Inc. Cayuga, N. Y.	Beacon High Vitamin D ₂ Mix.	3,750,000 ¹	Willimantic 11/9, none	1	1	..	..
	Borden's Dry D	681,000	Pawcatuck, 2/16, BSBKK; 5/14, BHBOK	2	2	..	..
The Borden Co., Special Products Div. New York, N. Y.	Pex for Broilers	3,600	Jewett City, 4/2, none	1	..	..	1
	Pex for Layers-Breeders	3,600	Jewett City, 4/2, none	1	..	..	1
Consolidated Products Co. Danville, Ill.	Arsanilic Acid in New England Broiler Base Premix No. 2	12,000	Middletown, 3/9, 7885; 5/15, 9522; Plantsville, 10/5, 7827 ³	3	3	..	..
	Dawe's Fermentation Flavonne	18,160	Middletown, 3/9, 7845; 5/15, 9519; 8/9, 9104 ⁴ ; 10/10, 2362; Guilford, 10/29, 1270	5	4	..	1
Dawnwood Farms, Amenias, N. Y.	Flavonne Ribo-D	18,160	Middletown, 1/6, none	1	1	..	..
	Dawnwood Farms Caf-Star	4,000 ¹	Norwalk, 1/5, none	1	1	..	..
E. I. duPont de Nemours & Co. Inc. Wilmington, Del.	DuPont Delsterol 1500-D	681,000	Derby, 1/5, none	1	1	..	..
	DuPont Delsterol 3000-D	1,362,000	Shelton, 1/5, none; Norwich, 2/20, none; Derby, 3/29, none; Norwich, 5/15, none; Shelton, 8/8, none	5	5	..	..
Eastern States Farmers' Exchange Inc., W. Springfield, Mass.	Calfsaver Tablets ⁵	400 ²	Norwich, 9/6, 9950-007-105	1	1	..	..

The Fox Company Newfield, N. J.	Foxco Qualadee A & D Feeding Oil.....	136,200	New Haven, 1/5, 112855; Derby, 1/5, 10655.....	2	2	..	..
		8,000	Wallington, 1/5, 6716-6705- 6726-6720; 5/16, 17975, 17328, 17969, 17973, 17327; 8/20, 2162-2152-2150-2151..	3	3	..	..
Gorton-Pew Fisheries Co. Ltd. Gloucester, Mass.	Gorton's A1-Blend "Junior" ..	16,000	Canaan, 4/5, 1728, 1732, 1712; 10/3, 182-157-176-146-179..	2	2	..	..
	Gorton's A1-Blend "Senior" ..	30,000	Pawcatuck, 2/16, 521-511-508- 516-519.....	1	..	1	..
McKesson & Robbins, Inc. New York, N. Y.	Cod Liver Oil USP Medicinal High Potency.....	45,400 ¹	Norwalk, 3/29, none.....	1	1	..	..
	Marden's Vitamin A & D Feed- ing Oil.....	136,200	Storrs, 1/6, none.....	1	1	..	..
Marden-Wild Corporation Somerville, Mass.	Veterinary Cod Liver Oil.....	136,200	Pawcatuck, 2/16, 54827; South Coventry, 8/17, 54827; North Franklin, 9/14, none.....	3	3	..	..
	Nopco-Pak Hi-Lay Premix...	400,000	Norwich, 2/20, none; 5/15, none, 8/24, none ⁶ ; 11/20, none ⁷	4	4	..	..
Nopco Chemical Co. Harrison, N. J.	Nopco-Pak Improved Premix ⁸	170,300	Norwich, 8/24, none.....	1	1	..	..
	Nopco-Pak Premix No. 1.....	170,200	Manchester, 11/14, none.....	1	1	..	..
Nopco Chemical Co. Harrison, N. J.	Nopco-Pak Prestarter Premix.	194,600	Norwich, 8/24, none ⁹ ; 11/20, none ¹⁰	2	2	..	..
	Nopco-Pak Super Premix.....	170,250	Norwich, 2/20, none; 5/15, none; 11/20, none ¹¹	3	3	..	..
Silmo Chemical Corp. Vineland, N. J.	Nopdex "3000".....	1,360,800	Norwich, 2/20, none; 5/15, none; 8/24, none; 11/20, none	4	4	..	..
	Liverol.....	136,200	Baltic, 9/6, none.....	1	..	..	1
	Silmo XX Vitamin Oil.....	136,200	Shelton, 1/5, 33DA57; 2/24, 33DA63; 8/8, 33DA74.....	3	2	1	..

TABLE 2. VITAMIN D CARRIERS—Concluded

Manufacturer	Brand name	Guaranteed, International Units per pound	Place, date of sampling and control number	Number of samples used	Satisfactory	Passed	Below guaranty
Stabilized Vitamins, Inc. Brooklyn, N. Y.	Perma-Mix	102,100	Manchester, 11/14, 1417	1	1	..	..
	Perma-Mix C.C.C. No. 1	170,300	Manchester 1/6, 1279-4; 2/15, 1138-1300-1; 5/16, 1319-1; 8/17, 1393-2 ¹² ; 11/14, 1438-4	5	5	..	..
	Perma-Mix C.C.C. No. 2	102,100	Manchester, 1/6, 1279; 2/15, 1301-1; 5/16, 1355-1; 8/17, 1373-1 ¹³ ; 11/14, 1425	5	5	..	..
	Perma-Mix C.C.C. No. 3	103,100	Manchester, 1/6, 1280; 2/15, 1302-1; 5/16, 1340; 8/17, 1340 ¹⁴ ; 11/14, 1439	5	5	..	..
	Perma-Mix C.C.C. No. 4	102,100	Manchester, 1/6, 1281; 8/17, 1358 ¹⁵	2	2	..	..
	Dri-Col	681,000	Bridgeport, 1/5, 72255; 4/9, none; Pawcatuck, 5/14, 3855; Bridgeport, 8/10, 7956	4	4	..	..
Whitmoyer Laboratories, Inc. Myerstown, Pa.	Whitced Pure Cod Liver Oil USP Non Destearinated ...	68,000	Danielson, 3/28, 122255; Baltic, 9/6, 122255; Willimantic, 11/9, 4556	3	3	..	..
	Whitmoyer Quality Vitamin A & D Feeding Oil	136,000	Derby, 3/29, 2856; 8/7, 7656; 11/1, 92556	3	3	..	..

- ¹ U.S.P. units per pound; assayed by feeding to rats.
- ² U.S.P. units per tablet; assayed by feeding to rats.
- ³ Riboflavin, mg. per lb: guaranteed 54; found, 90.8. Niacin, mg. per lb: guaranteed, 400; found, 922.
- ⁴ Riboflavin, mg. per lb: guaranteed, 22.7; found, 36.9. Niacin, mg. per lb: guaranteed, 90; found, 149.
- ⁵ Niacin, mg. per capsule: guaranteed, 50; found, 51.3.
- ⁶ Riboflavin, mg. per lb: guaranteed, 800; found, 687. Niacin, mg. per lb: guaranteed, 8,000; found, 9,171.
- ⁷ Riboflavin, mg. per lb: guaranteed, 800; found, 795. Niacin, mg. per lb: guaranteed, 8,000; found, 8,036.
- ⁸ Riboflavin, mg. per lb: guaranteed, 1,000; found, 953. Niacin, mg. per lb: guaranteed, 7,500; found, 8,581.
- ⁹ Riboflavin, mg. per lb: guaranteed, 1,143; found, 1,058. Niacin, mg. per lb: guaranteed, 4,286; found, 4,245.
- ¹⁰ Riboflavin, mg. per lb: guaranteed, 1,143; found, 1,012. Niacin, mg. per lb: guaranteed, 4,286; found, 4,131.
- ¹¹ Riboflavin, mg. per lb: guaranteed, 750; found, 690. Niacin, mg. per lb: guaranteed, 7,500; found, 9,221.
- ¹² Riboflavin, gm. per 10 lb: guaranteed, 2; found, 1.82. Niacin, gm. per 10 lb: guaranteed, 39; found, 42.
- ¹³ Riboflavin, gm. per 10 lb: guaranteed, 1.8; found, 1.55. Niacin, gm. per 10 lb: guaranteed, 50; found, 49.
- ¹⁴ Riboflavin, gm. per 10 lb: guaranteed, 3.63; found, 2.07. Niacin, gm. per 10 lb: guaranteed, 30; found, 48.
- ¹⁵ Riboflavin, gm. per 10 lb: guaranteed, 3.63; found, 3.40. Niacin, gm. per 10 lb: guaranteed, 40; found, 37.

TABLE 3. NIACIN AND RIBOFLAVIN CARRIERS, 1956

No.	Manufacturer and brand	Retail dealer in Connecticut	Niacin, mg./lb.		Riboflavin, mg./lb.	
			Guaranteed	Found	Guaranteed	Found
Commercial Solvents Corp., Terre Haute, Ind.						
9231	B-Y-100 Dried Grain & Cane Syrup					
	Fermentation Solubles (Butyl) . . .	The Yantic Grain & Products Co., Norwich			45.4	47.2
9230	B-Y-21 Riboflavin Supplement	The Yantic Grain & Products Co., Norwich			3,630	3,700
9205	B-Y Vitamin Feed Supplement 58 . .	Wolf Savitsky & Sons, Inc., Shelton	9,000	8,717	2,000	1,889
Dawe's Laboratories, Inc., Chicago, Ill.						
9203	Dawe's Fermentation Flavonne	Fred C. Morse & Sons, Guilford	90	137	22.7	19.5
9209	Dawe's Fermentation Supplement 100	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester			45.3	49.8
Merck & Co., Inc., Rahway, N. J.						
9204	No. 444 Vitamin Mixture	Derby Feed Store, Derby	6,660	6,129	1,330	1,117
Nopco Chemical Co., Harrison, N. J.						
9210	Nopco-Pak Premix No. 1	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester	3,900	3,813	200	194
Stabilized Vitamins, Inc., Brooklyn, N. Y.						
9212	Perma-Mix	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester	4,000	4,086		
9206	Perma-Mix C.C.C. No. 1	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester	3,900	3,972	200	249
9207	Perma-Mix C.C.C. No. 2	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester	5,000	4,949	180	207
9208	Perma-Mix C.C.C. No. 3	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester	3,000	2,724	363	365
U. S. Industrial Chemicals Co., New York, N. Y.						
9211	U.S.I. Riboflavin Supplement No. 4 .	Central Conn. Co-operative Farmers' Ass'n., Inc., Manchester			4,000	3,916

TABLE 4. ANALYSES OF FEEDS CONTAINING SULFAQUINOXALINE WITH OR WITHOUT ARSANILIC ACID, 1956

No.	Manufacturer and brand	Retail dealer	Sulfaquinoxaline, per cent		Arsanilic acid, per cent	
			Guaran- teed	Found	Guaran- teed	Found
Chas. M. Cox Co., Boston, Mass.						
W.S.-614	Wirthmore Chick Starter.....	Milford Grain Co., Milford.....	0.0175	0.0195	.....	.....
W.S.-623	Wirthmore Complete Chick Starter.....	Middlefield Grain & Supply Co., Middlefield.....	0.0175	0.0201	.....	.....
W.S.-638	Wirthmore Complete Growing Ration.....	R. G. Davis & Sons, New Haven.....	0.0125	0.0037	.....	.....
W.S.-600	Wirthmore Hi-Ener-G 16.....	Wirthmore Grain & Coal Co., Stepney.....	0.0125	0.0124	.....	.....
W.S.-622	Wirthmore Hi-Ener-G 16.....	Middlefield Grain & Supply Co., Middlefield.....	0.0125	0.0148	.....	.....
W.S.-652	Wirthmore Hi-Ener-G 16.....	Watertown Co-Operative Ass'n., Inc., Water- town.....	0.0125	0.0162	.....	.....
W.S.-610	Wirthmore Poultry Mash Base.....	Benjamin Grain Co., Danbury.....	0.1000	0.0990	.....	.....
W.S.-639	Wirthmore Poultry Mash Base.....	R. G. Davis & Sons, New Haven.....	0.1000	0.0968	.....	.....
W.S.-625	Wirthmore Turkey Starter.....	Osborn Grain Co., Branford.....	0.0175	0.0200	.....	.....
W.S.-640	Wirthmore Turkey Starter.....	R. G. Davis & Sons, New Haven.....	0.0175	0.0208	.....	.....
Derby Feed Store, Derby, Conn.						
W.S.-597	Derby Feed Starter & Broiler Mash.....	Derby Feed Store, Derby.....	0.0125	0.0177	.....	.....
John W. Eshelman & Sons, Lancaster, Pa.						
W.S.-615	Red Rose Chick Starter.....	Meriden Grain & Coal Co., Meriden.....	0.0150	0.0073	.....	.....
W.S.-616	Red Rose Hi Lo Broiler.....	Meriden Grain & Coal Co., Meriden.....	0.0150	0.0141	.....	.....
W.S.-603	Red Rose Turkey Starter.....	Belmont Feed Co., Cos Cob.....	0.0175	0.0122	.....	.....
Meech & Stoddard, Inc., Middletown, Conn.						
W.S.-620	Meech & Stoddard Special Balance Hi Eff Starter & Broiler.....	Meech & Stoddard, Inc., Middletown.....	0.0175	0.0145	1	0.0088
W.S.-621	Meech & Stoddard Special Balance Starting Mash.....	Meech & Stoddard, Inc., Middletown.....	0.0175	0.0202	.....	.....
The Park & Pollard Co., Inc., Buffalo, N. Y.						
W.S.-645	Park & Pollard.....	P. Cutler, Inc., Colchester.....	0.0175	0.0203	.....	.....
W.S.-649	Park & Pollard.....	Spencer Grain Co., Waterbury.....	0.0175	0.0155	.....	.....

Wolf Savitsky & Sons, Inc., Shelton, Conn.				
W.S.-595	Wolf's Complete Hi Eff Growing Mash.....	Wolf Savitsky & Sons, Inc., Shelton.....	0.0175	0.0193
W.S.-596	Wolf's Hi-Speed Starter & Broiler.....	Wolf Savitsky & Sons, Inc., Shelton.....	0.0175	0.0195
W.S.-594	Wolf's Super Hi Eff Starter & Broiler.....	Wolf Savitsky & Sons, Inc., Shelton.....	0.0175	0.0146
			0.0090	0.0123
H. K. Webster Co., Lawrence, Mass.				
W.S.-646	Blue Seal.....	Einhorn's Grain Store, Colchester.....	0.1000	0.1065
Yantic Grain & Products Co., Norwich, Conn.				
W.S.-606	Big Y Super Starter & Broiler.....	Stepney Big Y, Stepney.....	0.0175	0.0190
W.S.-604	Big Y Turkey Starter Krumbles.....	Stepney Big Y, Stepney.....	²	0.0176

¹ Presence of arsenilic acid not declared.

² Percentage not declared.

TABLE 5. ANALYSES OF FEEDS CONTAINING NICARBAZIN WITH OR WITHOUT ARSENICALS, 1956

No.	Manufacturer and brand	Retail dealer	Nicarbazin, per cent		Arsanilic acid, per cent		3-Nitro-4-hydroxy- phenylarsonic acid, per cent	
			Guaran- teed	Found	Guaran- teed	Found	Guaran- teed	Found
Chas. M. Cox Co., Boston, Mass.								
W.S.-612	Wirthmore Broiler Perk	Benjamin Grain Co., Danbury	0.0125	0.0112	.....	.....	.....	.....
W.S.-599	Wirthmore Hi-Ener-G Starter & Broiler	Wirthmore Grain & Coal Co., Stepney	0.0125	0.0108	0.0088*	0.0084*	.....	.....
W.S.-613	Wirthmore Hi-Ener-G Starter & Broiler	Milford Grain Co., Milford	0.0125	0.0086	0.0088*	0.0080*	.....	.....
W.S.-634	Wirthmore Hi-Ener-G Starter & Broiler	L. Broder & Co., Inc., Colchester	0.0125	0.0113	0.0088	0.0100	.....	.....
W.S.-617	Wirthmore Improved Hi-Ener-G Starter & Broiler	H. Grulich, Meriden	0.0125	0.0104	0.0088*	0.0101*	.....	.....
W.S.-624	Wirthmore Improved Hi-Ener-G Starter & Broiler	Middlefield Grain & Supply Co., Middlefield	0.0125	0.0072	0.0088*	0.0089*	.....	.....
W.S.-627	Wirthmore Improved Hi-Ener-G Starter & Broiler	S. V. Osborn Est., Branford	0.0125	0.0045	0.0088*	0.0095*	.....	.....
W.S.-637	Wirthmore Improved Hi-Ener-G Starter & Broiler	R. G. Davis & Sons, New Haven	0.0125	0.0090	0.0088*	0.0093*	.....	.....
W.S.-651	Wirthmore Improved Hi-Ener-G Starter & Broiler	The Watertown Co-Operative Ass'n., Inc., Watertown	0.0125	0.0097	0.0088*	0.0099*	.....	.....
5982	Wirthmore Improved Hi-Ener-G Starter & Broiler	Dayville Grain Co., Dayville	0.0125	0.0156	0.0088*	0.0121*	.....	.....
W.S.-598	Wirthmore Plus 2M Broiler Feed	Wirthmore Grain & Coal Co., Stepney	0.0125	0.0073	0.0088*	0.0095*	.....	.....
W.S.-635	Wirthmore Plus 2M Broiler Feed	L. Broder & Co., Inc., Colchester	0.0125	0.0086	0.0088*	0.0089*	.....	.....
John W. Eshelman & Sons, Lancaster, Pa.								
W.S.-601	Red Rose Chick Starter	Belmont Feed Co., Cos Cob	0.0125	0.0110	.....	.....	0.0050	0.0050
W.S.-602	Red Rose Starter & Grower	Belmont Feed Co., Cos Cob	0.0125	0.0095	.....	.....	.....	.....
McMillen Feed Mills Div., Central Soya Co., Inc., Ft. Wayne, Ind.								
W.S.-628	McMillen Master Mix Hi Calorie Broiler Concentrate	Fred C. Morse & Son, Guilford	0.03125	0.0210	.....	.....	0.0125	0.0133

Fred C. Morse & Son, Guilford, Conn.									
W.S.-629	Old Mill Hi Calorie Broiler Mash	Fred C. Morse & Son, Guilford...	0.0125	0.0064	....	....	0.0050	0.0058	
W.S.-630	Old Mill Starting Mash	Fred C. Morse & Son, Guilford...	0.0125	0.0102	....	....	....	....
The Park & Pollard Co., Inc., Buffalo, N. Y.									
W.S.-643	Park & Pollard Nicarbazin Mix	P. Cutler, Inc., Colchester	0.0125	0.0071	....	....	....	....
W.S.-644	Park & Pollard Nicarbazin Mix	P. Cutler, Inc., Colchester	0.0125	0.0118	....	....	....	....
W.S.-648	Park & Pollard Nicarbazin Mix	Spencer Grain Co., Waterbury	0.0125	0.0097	....	....	....	....
W.S.-650	Park & Pollard Nicarbazin Mix	Spencer Grain Co., Waterbury	0.0125	0.0064	....	....	....	....
Ralston Purina Co., St. Louis, Mo.									
5714	Purina Broiler Chow Starter Checkers Efts	Ralston Purina Co., Danielson...	0.0125	0.0122	....	....	0.0050	0.0023	
W.S.-618	Ralston N C Chick Startena	A. Hodos & Sons, Inc., Ansonia...	0.0125	0.0080	....	....	0.0025	0.0021	
H. K. Webster Co., Lawrence, Mass.									
W.S.-647	Blue Seal Nicarbazin Mix	Einhorn's Grain Store, Colchester	0.0125	0.0113	....	....	....	....
The Yantic Grain and Products Co., Norwich, Conn.									
W.S.-609	Big Y High Efficiency Grower	Big Y Feed Co., Danbury	¹	0.0084	0.0095	0.0088	....	....
6025	Big Y High Efficiency Laying Mash	Ralph E. Lovell, Canterbury	²	0.0094	....	....	....	....
6024	Big Y High Efficiency Starter Mash	Ralph E. Lovell, Canterbury	³	0.0094	....	....	....	....
W.S.-607	Big Y Improved Broiler Finisher	Big Y Feed Co., Danbury	¹	0.0132	0.0095	0.0100	....	....
W.S.-608	Big Y Improved Broiler Starter	Big Y Feed Co., Danbury	0.0125	0.0100	0.0095	0.0114	....	....
W.S.-641	Big Y Nicarbazin Mix	East Haddam Grain Co., E. Had- dam	0.0125	0.0112	0.0095	0.0105	....	....
W.S.-642	Big Y Nicarbazin Mix	East Haddam Grain Co., E. Had- dam	0.0125	0.0107	0.0095	0.0122	....	....
8330	Big Y Pre-Starter Nicarbazin Mixture	Yantic Grain & Products Co., Norwich	0.0125	0.0106	0.0095	0.0170	....	....
W.S.-605	Big Y Super Starter & Broiler Ration	Big Y Grain Co., Stepney	0.0125	0.0094	0.0095	0.0106	....	....
5983	Big Y Super Starter & Broiler Ration Krumbles	Big Y Grain Co., Norwich	¹	0.0123	0.0095	0.0157	....	....
Yieldmor Feeds, Inc., Piqua, Ohio									
W.S.-631	Yieldmor Broiler Finisher	L. Broder & Co., Inc., Colchester	0.0125	0.0050	0.0099	0.0070	....	....
W.S.-633	Yieldmor Broiler Pre-Starter	L. Broder & Co., Inc., Colchester	0.0125	0.0063	0.0099	0.0068	....	....
W.S.-632	Yieldmor Hi Yield Broiler Finisher	L. Broder & Co., Inc., Colchester	0.0125	0.0047	0.0099	0.0090	....	....

*Sodium arsenilate.

¹ Concentration not declared.² Guaranty not known.

TABLE 6. ANALYSES OF MISCELLANEOUS MEDICATED FEEDS, 1956

No.	Manufacturer and brand	Retail dealer	Furazolidone, per cent		4-Nitrophenyl- arsonic acid, per cent		3-Nitro- 4-hydroxyphenyl- arsonic acid, per cent		Phenothiazine, per cent		
			Guaran- teed	Found	Guaran- teed	Found	Guaran- teed	Found	Guaran- teed	Found	
Chas. M. Cox Co., Boston, Mass.											
W.S.-611	Wirthmore Poultry Mash Base.....	Benjamin Grain Co., Dan- bury.....	.....	.....	.....	.....	.....	.....	0.45	0.15
W.S.-626	Wirthmore Turkey Grow- ing Ration.....	S. V Osborn Est., Branford..	.....	.....	0.0250	0.0290	.....	.....	.....	.....
W.S.-636	Wirthmore Turkey Treat	R. G. Davis & Sons, New Haven.....	0.0165	0.0020	.....	.....	.....	.....	.....	.....
Ralston Purina Co., St. Louis, Mo.											
W.S.-619	Ralston Purina Broiler Finisher.....	A. Hodges & Sons, Inc., Anscenia.....	.....	.....	.....	.....	0.0050	0.0068	.....	.....

TABLE 7. ANALYSES OF OAT PRODUCTS, 1956

Station No.	Manufacturer and brand	Retail dealer in Connecticut	Protein (N x 6.25)		Fat		Fiber		
			Moist- ure	Guaran- teed not less than	Found	Guaran- teed not less than	Found	Guaran- teed not more than	
				Pounds per hundred (or per cent)		Pounds per hundred (or per cent)			
E. W. Bailey & Co. Inc., Montpelier, Vt.									
8958	Fancy Ground Oats.....	A. E. Hall, Wallingford.....	10.91	12.00	12.00	3.99	4.50	7.91	12.00
The Best Foods, Inc., Buffalo, N. Y.									
9572	Oat Mill By-Product.....	L. C. Latimer, So. Coventry.....	8.40	6.00	4.00	1.46	1.00	26.53	30.00
Clyde Milling Corp., Clyde, N. Y.									
8941	Ground Oats.....	L. C. Latimer, So. Coventry.....	13.02	10.63	12.00	3.99	3.50	10.09	12.00
Chas. M. Cox Co., Boston, Mass.									
8947	Ground Oats.....	Anderson Farm Supply, Portland.	15.82	12.25	....	4.85	....	6.59	....
Doughboy Industries, Inc., New Richmond, Wis.									
9400	Blenders Pulverized White Oats....	Fred C. Morse & Son, Guilford...	9.46	11.06	10.00	3.74	2.50	14.33	15.00
Fruen Milling Co., Minneapolis, Minn.									
8811	Fruen's Mixers' Coarse Ground White Oats.....	Seymour Grain & Coal, Seymour.	10.87	10.50	10.00	2.68	2.50	14.11	15.00
8810	Fruen's Mixers' Pulverized White Oats.....	Seymour Grain & Coal, Seymour.	10.87	10.50	10.00	2.68	2.50	14.11	15.00
General Mills, Inc., Minneapolis, Minn.									
9300	Pulverized White Oats.....	C. W. Campbell Co., Pawcatuck.	8.56	15.63	12.00	4.69	4.50	9.72	13.00
The Quaker Oats Co. of Canada Ltd., Peterborough, Canada									
9305	Peterborough Oat Huller Feed.....	C. W. Campbell Co., Pawcatuck.	7.84	2.94	2.50	0.84	1.00	28.82	34.00
8883	Peterborough Oat Mill By-Product..	Meech & Stoddard, Middletown..	8.42	3.50	2.50	1.24	1.00	29.42	32.00
Robin Hood Flour Mills Ltd., Moose Jaw, Saskatoon, Canada									
9584	Black-Hawk Pulverized Oat Mill By-Product.....	C. A. Cowles, Plantsville.....	8.76	5.19	3.50	2.29	1.00	24.95	30.00



